



**INSTITUT TEKNOLOGI BANDUNG**

**ALOKASI PETUGAS PENGUMPULAN DATA LAPANGAN SECARA  
DINAMIS BERBASIS *CONTEXT***

**THESIS**

**ARIS PRAWISUDATAMA  
23215131**

**SEKOLAH TEKNIK ELEKTRO DAN INFORMATIKA  
PROGRAM STUDI MAGISTER TEKNIK ELEKTRO  
BANDUNG  
JANUARI 2016**



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Master**

**ARIS PRAWISUDATAMA**

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**SEKOLAH TEKNIK ELEKTRO DAN INFORMATIKA  
PROGRAM STUDI MAGISTER TEKNIK ELEKTRO  
BANDUNG  
JANUARI 2016**

## HALAMAN PERSETUJUAN

**Judul** : Alokasi Petugas Pengumpulan Data Lapangan Secara Dinamis  
Berbasis *Context*  
**Nama** : Aris Prawisudatama  
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XX Januari 2016

Dr. I Gusti Bagus Baskara Nugraha  
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dan semua sumber baik yang dikutip maupun dirujuk  
telah saya nyatakan dengan benar.**

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Dinamis Berbasis *Context*

**Telah berhasil dipertahankan di hadapan Dewan Penguji dan diterima sebagai bagian persyaratan yang diperlukan untuk memperoleh gelar Master pada Program Studi Magister Teknik Elektro, Fakultas Sekolah Teknik Elektro dan Informatika, Universitas Indonesia.**

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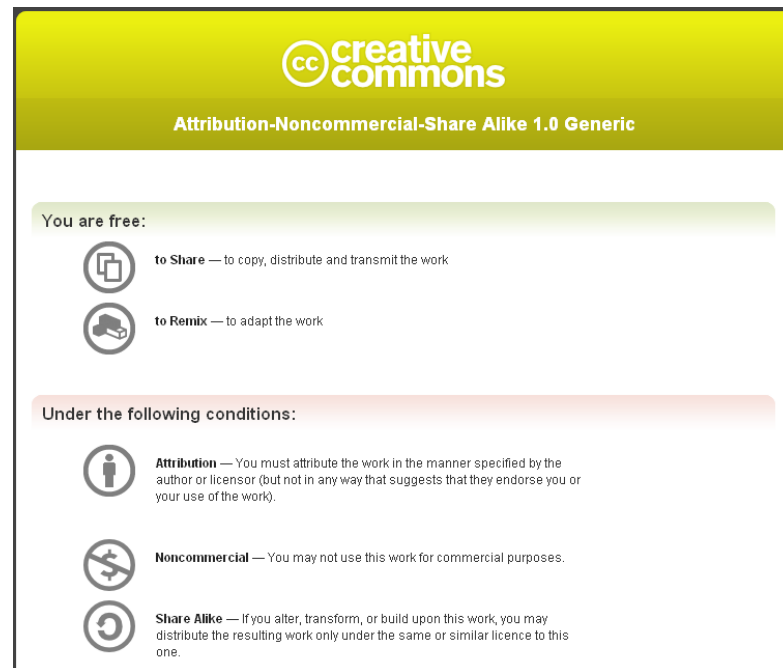
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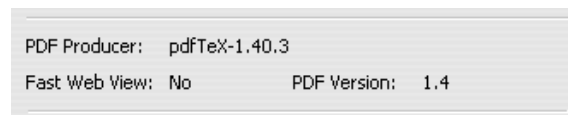
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Bandung, XX Januari 2016

Aris Prawisudatama

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**Fakultas** : Sekolah Teknik Elektro dan Informatika  
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## ABSTRAK

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## ABSTRACT

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Program : Magister Teknik Elektro  
Title : Context-aware Dynamic Enumerator Allocation

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Write your abstract here.

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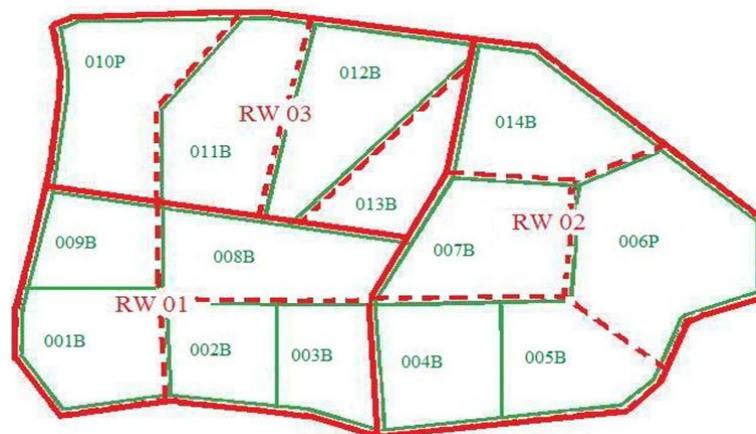
# BAB 1

## PENDAHULUAN

### 1.1 Latar Belakang

Badan Pusat Statistik (BPS) merupakan suatu lembaga pemerintah non-departemen yang bertanggung jawab dalam penyediaan statistik dasar (BPS, 2016a). Dalam peranannya sebagai penyedia data, BPS melakukan pengumpulan data dengan 2 (dua) metode, yaitu primer dan sekunder. Pengumpulan data primer adalah pengumpulan data dengan menggunakan metode wawancara langsung dengan responden, baik responden individu, rumah tangga, maupun perusahaan. Sementara pengumpulan data sekunder adalah pengumpulan data dengan memanfaatkan data yang telah dikumpulkan oleh pihak lain.

Pada pengumpulan data primer oleh BPS, selanjutnya disebut dengan pencacahan, suatu wilayah administratif dibagi dalam beberapa Blok Sensus (BS). Blok sensus merupakan wilayah kerja dari seorang pencacah (BPS, 2016b). Setiap petugas pengumpulan data, disebut dengan pencacah, akan dialokasikan dalam beberapa blok sensus yang akan menjadi tanggung jawabnya. Pencacah kemudian akan mendatangi blok sensus tersebut dan mengunjungi setiap rumah tangga yang menjadi sampel pencacahan.



**Gambar 1.1:** Pembagian Blok Sensus dalam Desa/Kelurahan

Pengalokasian pencacah terhadap blok sensus terkadang menjadi sesuatu yang sulit, karena terkait dengan waktu dan biaya. *Subject matter* yang menangani kegiatan harus mempertimbangkan beberapa hal, salah satunya adalah jarak antar blok sensus yang menjadi wilayah kerja seorang pencacah. Kesalahan dalam pen-

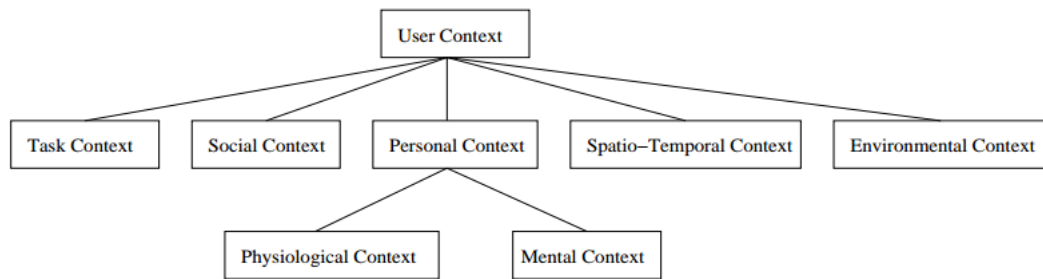
galokasian blok sensus menyebabkan waktu pencacahan menjadi lama, yang dapat mempengaruhi kegiatan pencacahan secara keseluruhan.

Selain jarak antar blok sensus, faktor yang juga perlu diperhatikan adalah lamanya pencacahan dalam sebuah blok sensus. Lama pencacahan dalam blok sensus secara umum dipengaruhi oleh 2 (dua) faktor, jarak antar rumah tangga dalam suatu blok sensus dan lama wawancara dalam rumah tangga. (Sudman, 1965), dalam penelitiannya menyatakan bahwa mengunjungi sebuah segmen dapat menghabiskan 21 persen dari keseluruhan waktu, 15 persen untuk mengunjungi rumah tangga dalam sebuah segmen, 37 persen untuk wawancara, dan sisanya untuk kegiatan lain, seperti *editing*, *study*, dan *clerical*.

Faktor-faktor yang terkait dengan alokasi blok sensus dan petugas tersebut diatas, seperti: jarak antar blok sensus, jarak antar rumah tangga, dan lama wawancara tidaklah selalu tersedia. Andaikan tersedia, datanya-pun bersifat relatif, seperti lama wawancara yang sangat tergantung pada kemampuan pencacah dalam bertanya dan menggali jawaban, tingkat pendidikan responden, dan banyaknya anggota rumah tangga yang harus didata. Oleh karena itu diperlukan suatu cara atau metode yang memungkinkan pengalokasian petugas terhadap blok sensus secara dinamis sesuai dengan context.

Dalam sistem komputer tidak terdapat definisi *context* yang tunggal. Meskipun demikian, sebagian besar definisi sepakat bahwasannya *context* adalah sesuatu yang harus dilakukan terkait interaksi pengguna dan sistem komputer (Chen et al., 2000). (Schilit et al., 1994), misalnya, membagi *context* menjadi 4 (empat): *computing context*, *user context*, *physical context*, dan *time context*. *Computing context* meliputi: *network connectivity*, *communication cost*, *communication bandwidth*, dan *nearby resource*; *user context* meliputi: *user profile*, *location*, dan *social situation*; *physical context* meliputi: *lighting*, *noise*, *traffic condition*, dan *temperature*; serta *time context* meliputi: *time of a day*, *week*, *month* and *season of the year*. Senada dengan (Schilit et al., 1994), (Schmidt et al., 1999) mendefinisikan *context* sebagai pengetahuan tentang *state* dari *user* dan *IT device*, termasuk lingkungan, situasi, dan lokasi. Sementara (Abowd et al., 1999) mendefinisikan *context* sebagai segala informasi yang dapat digunakan untuk mengkarakterisasi kondisi dari suatu entitas. Entitas yang dimaksud dapat berupa manusia, tempat atau obyek yang relevan dengan aplikasi dan pengguna, termasuk aplikasi dan pengguna itu sendiri.

*Context-aware application* telah banyak digunakan di berbagai bidang. (Tsai et al., 2016) misalnya, menggunakan *context* untuk menciptakan *smart home environment*. (Magara et al., 2016) menggabungkan beberapa *context* seperti: lokasi dan aktivitas pengguna, preferensi, label, dan *tags* untuk membuat rekomendasi musik



**Gambar 1.2:** Context Hierarchy (Kofod-Petersen and Aamodt, 2003)

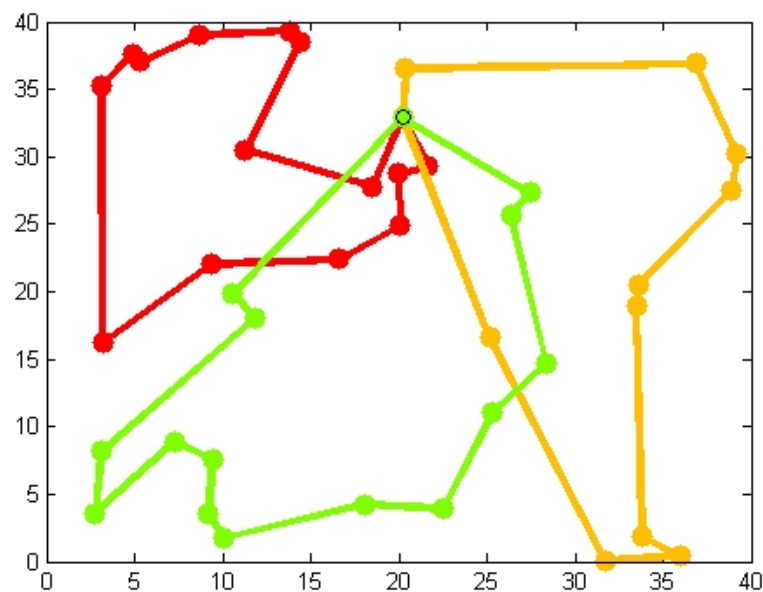
yang akan diputar. Sementara (Said et al., 2013) menciptakan rekomendasi film berdasarkan *time*, *mood*, dan *social recommendation*.

Pada aplikasi yang bersifat *mobile*, *context* biasanya diperoleh dengan menggunakan sensor yang tersemat dalam *mobile device* tersebut. Sekarang ini, telah banyak ditemui *mobile device*, terutama *programmable smartphone*, yang telah dilengkapi dengan berbagai sensor (Cao et al., 2015). (Do and Gatica-Perez, 2011), misalnya mem-*propose* GroupUs, framework yang mengelompokkan pengguna berdasarkan aktifitas sehari-hari yang dikumpulkan dengan menggunakan *proximity sensor*. (Dai et al., 2010a) menciptakan *drunk driving detection* dengan memanfaatkan sensor *accelerometer* yang tersemat dalam *smartphone*. Sementara (Zou et al., 2016), memanfaatkan sensor *Global Positioning System* (GPS) dan *Micro-Electro-Mechanical System* (MEMS) untuk membuat rekomendasi transportasi. Begitu pula sensor-sensor yang lain juga telah dimanfaatkan dalam berbagai penelitian (Dai et al., 2010b; Lu et al., 2009; Bao and Roy Choudhury, 2010; Rubel et al., 2005; Atzmueller and Hilgenberg, 2013).

Di sisi yang lain, *location recommendation* merupakan sebuah bahasan yang juga banyak diteliti. Metode yang banyak digunakan untuk menentukan rekomendasi lokasi adalah *Location-based Social Network* (LBSN). Cara kerja LBSN pada dasarnya adalah dengan memanfaatkan lokasi dan *point of interest* yang dibagikan oleh pengguna (Yuan and Li, 2016). Beberapa peneliti juga mencoba meningkatkan akurasi prediksi dengan menggabungkannya dengan berbagai metode. Misalnya (Koren, 2010), menggunakan *temporal factorization model* yang memberikan hasil lebih baik dibanding dengan *non-temporal factorization model*. Sementara (Pragrauskas and Gross, 2010) mengadopsi *bayesian probabilistic tensor factorization* untuk mewujudkan *temporal collaborative filtering*. Akan tetapi, metode LBSN tidak sesuai digunakan untuk membuat rekomendasi lokasi pencacahan. Hal ini dikarenakan metode LBSN menggunakan *logs* yang telah dikumpulkan sebelumnya, baik *location logs* maupun *user preference logs*, untuk menentukan rekomendasi, sementara lokasi pencacahan bukan merupakan *point of interest* yang dikun-

jungi oleh banyak orang.

Metode lain yang juga banyak digunakan adalah *Travelling Salesman Problem* (TSP). TSP adalah sebuah algoritma klasik (Biggs et al., 1976) yang telah banyak diadopsi dan dimodifikasi. Masalah yang umumnya mejadi dasar modifikasi adalah penggunaan *multiple salesman*, yang disebut dengan *Multiple Travelling Salesman Problem* (MTSP) (Bektas, 2006). Variasi dari MTSP juga telah banyak diteliti, yang umumnya mencakup: *single or multiple depots (start and stop point)*, jumlah *salesman*, *fixed charges* (jika jumlah *salesman* tidak tetap), lama kunjungan (*time window*), dan *special restrictions* (Bektas, 2006). Berbagai aplikasi untuk menyelesaikan permasalahan nyata (*real-life problem*) juga telah dikembangkan dengan menggunakan MTSP. Misalnya, *print press scheduling* oleh (Gorenstein, 1970), *crew scheduling* oleh (Svestka and Huckfeldt, 1973), *school bus routing problem* oleh (Angel et al., 1972), *interview scheduling* oleh (Gilbert and Hofstra, 1992), *mission planning* oleh (Brumitt and Stentz, 1996), *hot rolling scheduling* oleh (Tang et al., 2000), dan *global navigation satellite system surveying networks* oleh (Saleh and Chelouah, 2004).



**Gambar 1.3:** Ilustrasi *Multiple Travelling Salesman Problem*

Asumsi yang digunakan dalam pendekatan MTSP adalah semua informasi telah tersedia pada saat perancangan, sehingga rekomendasi *path* telah diperoleh sebelum kunjungan pertama. Sementara dalam pencacahan, informasi tidak selalu tersedia. Misalnya *service-time*, yang tersusun atas jarak antar rumah tangga dan lama wawancara, merupakan variabel yang bersifat dinamis. Jarak antar rumah tangga sangat tergantung dari sampel yang terpilih, sementara lama wawancara sangat tergantung dari beberapa faktor, seperti: kemampuan pencacah dalam bertanya dan

menggali jawaban, kemampuan responden dalam mencerna pertanyaan pencacah, dan banyaknya anggota rumah tangga yang harus didata. Untuk itu, diperlukan suatu metode agar implementasi MTSP untuk rekomendasi lokasi pencacahan dapat mengakomodir *service-time* secara dinamis.

Solusi yang ditawarkan adalah dengan mengabaikan *service-time*, kemudian meng-*generate* rekomendasi baru setiap kali pencacah telah menyelesaikan pencacahan pada suatu blok sensus. Untuk itu, pendekatan MTSP ini akan digabung dengan metode *Publish/Subscribe*. Publish/Subscribe atau pub/sub adalah paradigma dimana *user* mengekspresikan ketertarikan-nya (*subscriptions*), dan agen menerbitkan beberapa penawaran-nya (*event*) (Fabret et al., 2001). Metode pub/sub yang akan digunakan adalah pub/sub *location-based tracking service*, sebagaimana diusulkan oleh (Chen et al., 2003a).

## 1.2 Rumusan Masalah

Berdasarkan latar belakang permasalahan yang telah diuraikan sebelumnya, dan didasari motivasi untuk menciptakan rekomendasi alokasi pencacah dan blok sensus secara dinamis, maka dapat dirumuskan masalah dalam penelitian ini adalah bagaimana merancang sebuah sistem rekomendasi lokasi pencacahan dengan memanfaatkan *context* dari pencacah.

Adapun detail dari permasalahan yang akan dikaji adalah sebagai berikut:

- Bagaimana menentukan *topik* dalam arsitektur publish/subscribe yang digunakan dalam kasus ini.
- Bagaimana membuat rekomendasi lokasi pencacahan pada kondisi *time windows* sangat berpengaruh, tetapi data tidak tersedia.
- Bagaimana membuat *conflict resolution*, agar system tidak merekomendasikan lokasi yang sama pada dua atau lebih pencacah.

## 1.3 Tujuan Penelitian

Berdasarkan rumusan masalah diatas, maka dapat ditentukan tujuan utama dari penelitian ini adalah untuk menciptakan sebuah sistem rekomendasi lokasi pencacahan secara dinamis.

Adapun tujuan khusus dari penelitian ini adalah:

- Mengidentifikasi *context* yang terkait dengan penentuan lokasi pencacahan.

- Menyusun algoritma rekomendasi.
- Menyusun algoritma *location conflict*.
- Melakukan ujicoba algoritma dan aplikasi usulan.

## 1.4 Batasan Masalah

Masalah dalam penelitian ini memiliki batasan sebagai berikut:

- Lokasi pencacahan yang menjadi rujukan adalah Blok Sensus (BS) yang dikeluarkan oleh Badan Pusat Statistik (BPS).
- *Device* yang digunakan adalah *smartphone* berbasis Android yang umum dijual dipasaran.
- Tidak mempertimbangkan lingkungan yang tidak terkoneksi dengan jaringan komunikasi.

## 1.5 Sistematika Penulisan

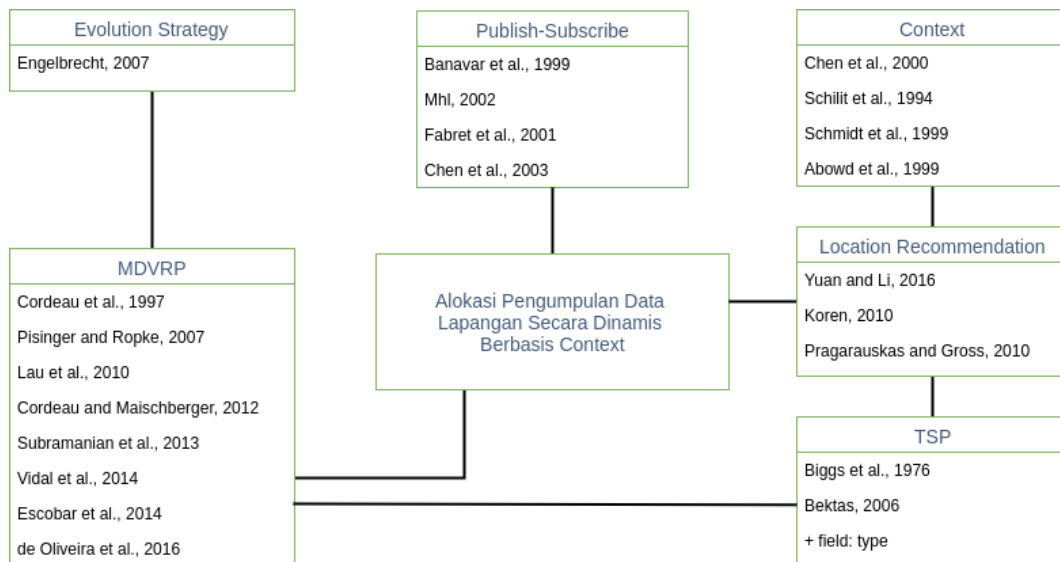
Sistematika penulisan tesis ini terdiri atas enam bab dengan perincian sebagai berikut:

## BAB 2

### STUDI LITERATUR

#### 2.1 *Literature Map*

*Literature Map* merupakan sebuah visualisasi yang memuat *summary* penelitian terkait yang telah dilakukan sebelumnya. *Literature Map* biasanya direpresentasikan dalam sebuah gambar, misalnya menggunakan struktur hierarki *top-down* dalam mempresentasikan literatur (Creswell, 2013). Ide utama dari penggambaran *literature map* adalah untuk membuat visualisasi dari penelitian terdahulu tentang sebuah topik.



**Gambar 2.1:** *Literature Map* Penelitian

Berdasarkan review dari literatur yang terkait dengan penelitian ini, arsitektur dari rekomendasi lokasi pada pengumpulan data lapangan dapat dibagi menjadi 3 (tiga) kelompok: *context-aware computing*, *location routing*, dan mekanisme komunikasi.

*Context-aware computing* akan membahas beberapa literatur yang membahas definisi dari konteks itu sendiri dan pemanfaatannya dalam komputasi. *Location routing* akan membahas literatur terkait beberapa algoritma yang biasa digunakan dalam penyelesaian masalah *location routing*. Sementara pada mekanisme komunikasi antara *client* dan *server* akan dibahas beberapa mekanisme komunikasi yang dapat digunakan.

## 2.2 Badan Pusat Statistik

Badan Pusat Statistik (BPS) adalah Lembaga Pemerintah Non-Departemen yang bertanggung jawab dan memiliki peranan dalam penyediaan data. Berdasarkan Rencana Strategis BPS 2015-2019, BPS memiliki misi yang harus dijalankan yaitu:

1. Menyediakan data statistik berkualitas melalui kegiatan statistik yang terintegrasi dan berstandar nasional maupun internasional.  
Dalam rangka menyediakan data berkualitas, data yang dihasilkan BPS harus memenuhi dimensi kualitas yakni relevan, akurat, disajikan tepat waktu, koheren, dapat diakses, dan dapat diinterpretasikan.
2. Memperkuat Sistem Statistik Nasional yang berkesinambungan melalui pembinaan dan koordinasi di bidang statistik.
3. Membangun insan statistik yang profesional, berintegritas dan amanah untuk kemajuan perstatistikan. Dalam menyelenggarakan kegiatan statistik, insan statistik harus memiliki kapasitas dan kapabilitas yang diperlukan untuk menghasilkan data statistik yang berkualitas.

Di dalam menjalankan peranan sebagai penyedia data, BPS menyelenggarakan statistik dasar dengan cara sensus, survei, dan kompilasi administrasi untuk mendapatkan data. Data yang berkualitas hanya dapat diperoleh melalui proses yang berkualitas pula. Terdapat berbagai variabel yang menjadi parameter proses yang berkualitas, salah satunya adalah ketepatan waktu dalam proses pengumpulan data.

Pengumpulan data, pada prosesnya merupakan suatu kondisi yang sangat fleksibel. Terdapat banyak faktor yang dapat mempengaruhi ketepatan waktu pengumpulan data, antara lain: kualitas petugas pengumpulan data, kualitas responden, jumlah anggota rumah tangga yang didata, jarak antar lokasi pencacahan, jarak antar rumah tangga dalam satu segmen, kondisi alam, dan lain sebagainya. Alokasi petugas pengumpulan data secara statis tidak dapat mengakomodir faktor-faktor tersebut. Akibatnya, waktu penyelesaian pengumpulan data bisa bervariasi antara petugas satu dengan petugas lainnya. Oleh karena itu, alokasi petugas secara fleksibel sesuai dengan konteks diperlukan sebagai antisipasi terhadap kondisi yang tidak diperkirakan.



## 2.3 Context-aware Computing

### 2.3.1 Definisi Context

Semenjak *Context-aware computing* pertama kali diperkenalkan oleh (Schilit et al., 1994), berbagai definisi mengenai *context* dan *context-awareness* telah berkembang luas. Sebagian besar definisi yang ada saat ini, menurut (Zimmermann et al., 2007), dapat dikelompokkan menjadi dua: definisi menurut sinonim dan definisi menurut contoh. *Context* mengalami berbagai pengkarakteristikan menggunakan sinonim seperti *application environment* (Hull et al., 1997) atau situasi (Brown, 1995). Sementara beberapa authors, seperti (Brown et al., 1997), (Gross and Specht, 2001), dan (Ryan et al., 1999), mendefinisikan *context by example* dan *context element* seperti lokasi, identitas, waktu, suhu, kebisingan sama dengan kepercayaan, keinginan, komitmen, dan hubungan dengan manusia (Chen et al., 2003b).

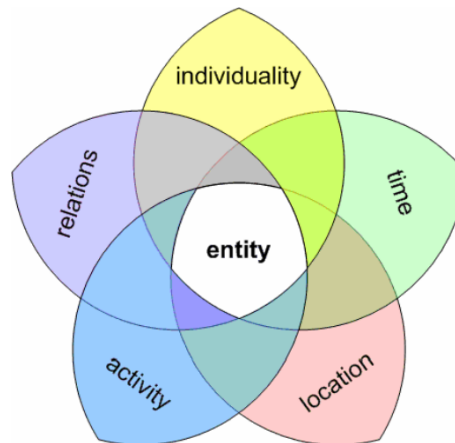
Secara umum, dapat dikatakan bahwasanya *context* adalah informasi yang dapat digunakan dalam menjelaskan situasi dari sebuah entitas. Entitas dapat berupa manusia, lokasi, atau obyek yang relevan dengan interaksi antara seorang pengguna dan aplikasi, termasuk pengguna dan aplikasi itu sendiri (Dey, 2001). (Schilit et al., 1994) menyebutkan bahwasannya yang termasuk ke dalam *context* adalah: lokasi dari penggunaan, kumpulan orang-orang sekitar, *hosts*, dan *accessible devices*, serta perubahan hal-hal tersebut dari waktu ke waktu. (Dey, 2001) mengembangkan definisi dari (Schilit et al., 1994) dengan menyatakan "Context adalah lokasi, identitas dan status dari individu, kelompok, dan obyek komputasi".

### 2.3.2 Kategori Context

Dari berbagai informasi yang menjelaskan entitas dari *context*, semuanya mengarah ke 5 (lima) kategori, yaitu: *individuality*, aktivitas, lokasi, waktu, dan relasi, seperti pada Gambar 2.2 (Zimmermann et al., 2007). Kategori *individuality* memuat properti dan atribut yang menjelaskan entitas itu sendiri. Kategori aktivitas mencakup seluruh kegiatan yang dilakukan entitas tersebut. Kategori lokasi dan waktu menyediakan koordinat *spatio-temporal* dari entitas. Sementara kategori relasi merepresentasikan informasi tentang hubungan antara sebuah entitas dengan entitas yang lain.

#### 2.3.2.1 Individuality Context

Kategori ini memberi akses kepada informasi yang bersifat kontekstual tentang entitas terkait. Informasi ini dapat berupa apa saja terkait entitas tersebut, tetapi umum-



**Gambar 2.2:** Kategori dari *Context*

nya adalah *state* dari entitas. Entitas dapat berupa entitas individu atau sekelompok entitas yang saling berbagi *context* yang terkait. Entitas dapat berupa entitas yang *real* (eksis secara nyata), maupun virtual (hanya terdapat di lingkup informasi). Selain itu, terdapat juga entitas yang bersifat *mobile*, *movable*, maupun *fixed*. kategori *individuality context* dikelompokkan menjadi empat, yaitu: *natural*, *human*, *artificial*, dan *group entities*.

### 2.3.2.2 *Time Context*

Waktu merupakan aspek yang vital dalam klasifikasi *context*, karena sebagian besar pernyataan sangat terkait dengan dimensi *temporal*. Kategori ini mengkalkulasi informasi seperti *time zone* dari *client*, dan *current time* atau *virtual time*. Contoh representasi dari waktu adalah *time zone*, misalnya format *Central European Time (CET)*, yang menyediakan fasilitas kalkulasi secara matematis dan komparasi waktu. Model dimensi waktu yang sering diimplementasikan dalam *context-aware computing* misalnya jam kerja atau hari libur.

*Context* yang disimpan secara persisten dapat membentuk sebuah *data pool* yang berisi histori dari informasi terkait *context* tersebut. Histori tersebut membentuk basis data untuk *context information* dari event yang telah lampau. Basis data yang dipersistenkan dapat digunakan sebagai bahan analisis dari kebiasaan dari pengguna dan prediksi.

### 2.3.2.3 *Location Context*

Dengan semakin berkembangnya *portable/mobile devices*, lokasi menjadi parameter yang penting dalam *context-aware system*. Obyek-obyek fisik dan perangkat tersusun secara spasial, dipengaruhi oleh pergerakan pengguna. Kategori ini berisi

model lokasi yang terklasifikasi secara fisik maupun virtual, misalnya *IP address* sebagai posisi komputer dalam sebuah jaringan, koordinat, maupun informasi spasial terkait seperti kecepatan dan orientasi. Lokasi dapat berupa lokasi absolut atau lokasi relatif, yaitu lokasi yang diperhitungkan dari objek yang lain. Model dapat juga terdiri dari lokasi kuantitatif (geometrik) dan kualitatif (simbol).

Lokasi yang bersifat kuantitatif merujuk kepada koordinat dengan dua dimensi, tiga dimensi, atau lebih. Sebagai contoh, koordinat dua dimensi secara geografis melambangkan setiap lokasi di bumi secara lintang dan bujur. Informasi terkait koordinat geografis biasanya diperoleh melalui *Global Positioning System* dengan menggunakan satelit. Selain itu, lokasi juga dapat diklasifikasikan menjadi dalam dan luar ruangan, sinyal radio atau cahaya, dll. Sementara itu, lokasi yang bersifat kualitatif dan berupa bangunan, ruangan, jalan, negara, dan sebagainya.

#### **2.3.2.4 Activity Context**

*Context* aktifitas meliputi aktifitas yang sedang dikerjakan oleh sebuah entitas. Kategori ini dapat diterjemahkan menjadi: tujuan, kegiatan, dan aksi. Sebuah *task* merupakan aktifitas yang berorientasi pada capaian. Capaian atau *goals* dapat bersifat *low-level*, dimana *goal* dapat sering berganti, dan *high-level*, dimana *goal* bersifat konsisten.

#### **2.3.2.5 Relations Context**

Kategori ini mencakup relasi dari sebuah entitas yang berhubungan dengan entitas yang lain. Entitas yang lain tersebut dapat berupa manusia, benda, layanan, atau informasi (misalnya teks, gambar, film, suara). Karakteristik dari *environment* biasanya dibangun secara spasial dan temporal. Individu dalam kelompok saling mempengaruhi kelompok dalam satu relasi, misalnya seluruh manusia dengan umur yang sama.

### **2.3.3 Context-aware Computing**

(Dey, 2001) menjelaskan, sebuah sistem dikatakan *context-aware* jika dia menggunakan *context* untuk menyediakan informasi atau layanan yang relevan kepada pengguna, dimana relevansinya tergantung dari apa yang pengguna kerjakan.

Terdapat berbagai contoh sistem yang bersifat *context-aware*. (Tsai et al., 2016) misalnya, menggunakan *context* untuk menciptakan *smart home environment*. (Magara et al., 2016) menggabungkan beberapa *context* seperti: lokasi dan aktivitas pengguna, preferensi, label, dan *tags* untuk membuat rekomendasi musik yang akan

diputar. Sementara (Said et al., 2013) menciptakan rekomendasi film berdasarkan *time, mood, dan social recommendation*.

Pada aplikasi yang bersifat *mobile, context* biasanya diperoleh dengan menggunakan sensor yang tersemat dalam *mobile device* tersebut. Sekarang ini, telah banyak ditemui *mobile device*, terutama *programmable smartphone*, yang telah dilengkapi dengan berbagai sensor (Cao et al., 2015). (Do and Gatica-Perez, 2011), misalnya mem-*propose* GroupUs, framework yang mengelompokkan pengguna berdasarkan aktifitas sehari-hari yang dikumpulkan dengan menggunakan *proximity sensor*. (Dai et al., 2010a) menciptakan *drunk driving detection* dengan memanfaatkan sensor *accelerometer* yang tersemat dalam *smartphone*. Sementara (Zou et al., 2016), memanfaatkan sensor *Global Positioning System* (GPS) dan *Micro-Electro-Mechanical System* (MEMS) untuk membuat rekomendasi transportasi. Begitu pula sensor-sensor yang lain juga telah dimanfaatkan dalam berbagai penelitian (Dai et al., 2010b; Lu et al., 2009; Bao and Roy Choudhury, 2010; Rubel et al., 2005; Atzmueller and Hilgenberg, 2013).

Pada kasus yang dijadikan dasar dari penelitian ini, yaitu terkait pengumpulan data lapangan, *context* yang akan digunakan adalah *spatio-temporal context*, yang meliputi lokasi dan waktu dari setiap pencacah.

## 2.4 Location Routing

*Location routing problem*, menurut (Nagy and Salhi, 2007), secara umum dapat dikatakan sebagai sebuah pendekatan dalam pemodelan dan penyelesaian permasalahan terkait lokasi. Definisi ini mengikuti definisi (Bruns, 1998), yaitu perencanaan lokasi yang mempertimbangkan perencanaan *tour*. Definisi ini juga senada dengan (Balakrishnan et al., 1987), yang menyatakan bahwa *location routing problem* merupakan keputusan strategis yang fokus terhadap lokasi fasilitas.

Lokasi dari fasilitas dan *vehicle routing* merupakan area yang saling terkait. (Maranzana, 1964) menyatakan bahwa "*the location of factories, warehouses and supply points in general...is often influenced by transport costs*". Tetapi beberapa peneliti, sebagaimana (Nagy and Salhi, 2007), menolak korelasi tersebut dengan beberapa alasan:

1. Terdapat beberapa kondisi dimana *location problem* tidak memiliki aspek *routing*,
2. Permasalahan lokasi bersifat strategis, sementara permasalahan *routing* bersifat taktis. Rute dapat dikalkulasi dan diputuskan secara berkala (bahkan terkadang harian).

*Location Routing Problem* meliputi topik bahasan yang luas. Menurut (Nagy and Salhi, 2007), LRP setidaknya dapat dikelompokkan dalam 4 (empat) klasifikasi:

1. Berdasarkan struktur hierarkinya.

Sebagian besar LRP terdiri dari beberapa fasilitas yang melayani sejumlah *customer*, yang terhubung dengan masing-masing depot berdasarkan *tour*. Akan tetapi, ada beberapa struktur LRP yang tidak standar, antara lain:

- (a) *transportation-location problem* tidak melibatkan perencanaan *tour*,
- (b) *many-to-many routing problem*, yang selain melibatkan perencanaan *tour* antara fasilitas-*customer*, juga melibatkan rute antara fasilitas,
- (c) *vehicle routing-allocation problem* menyertakan rencana *tour* antar fasilitas, tetapi tidak antara fasilitas dan *customer*,
- (d) *multi-level location-routing problem* mengikutsertakan rencana *tour* untuk kedua *layer*, dan bahkan mungkin lebih dari satu level fasilitas.

2. Tipe input data.

Terdapat dua macam tipe input data: *deterministic* dan *stochastic*. Sebagian besar kasus pada LRP bersifat *deterministic*. Adapun pada kasus LRP yang bersifat *stochastic*, variabel *stochastic* biasanya hanya terdapat pada *demand*.

3. Periode perencanaan.

Berdasarkan periode perencanaan, terdapat *single-period* dan *muti-depot*. Permasalahan ini juga sering disebut dengan *static* dan *dynamic*. Umumnya, mayoritas penelitian lebih berfokus pada permasalahan *static* LRP.

4. Metode solusi.

Berdasarkan metode solusi, terdapat metode *exact* dan *heuristic*. Sebagian besar peneliti menggunakan metode *exact*, walaupun untuk sebagian kasus, penggunaan metode *exact* lebih sukses.

Sementara itu, berdasarkan strukturnya, LRP juga setidaknya dapat dipecah menjadi lima jenis:

1. Fungsi obyektif.

Obyektif yang paling umum digunakan dalam permasalahan *location routing* adalah minimal keseluruhan *cost*, dimana *cost* dapat dipecah menjadi *depot cost* dan *vehicle cost*. Hanya terdapat sedikit penelitian yang menggunakan fungsi obyektif selain *total overall cost* atau *multiobjective*, antara lain (Averbakh and Berman, 1994) dan (Averbakh and Berman, 1995).

## 2. *Solution space.*

Solution space dapat berupa diskrit, kontinyu, atau *network*. Sebagian besar literatur dalam permasalahan LRP menggunakan lokasi yang bersifat diskrit. Akan tetapi ada beberapa permasalahan *round-trip location* yang terbatas pada *path* atau *tree network*, salah satunya (Simchi-Levi, 1991).

## 3. Jumlah *depot*.

Berdasarkan jumlah *depot* yang digunakan, terdapat *single depot* dan *multi depot* LRP. Sebagian besar penelitian menggunakan *multi depot*, meskipun ada beberapa kasus yang terbatas hanya pada *single depot*, antara lain (Laporte and Nobert, 1981), (Averbakh and Berman, 1994), dan (Simchi-Levi, 1991).

## 4. Jumlah dan tipe kendaraan.

Pada sebagian besar penelitian LRP, jumlah kendaraan yang digunakan tidak tetap dan tipe kendaraan bersifat homogen. Meskipun begitu, terdapat juga penelitian yang menggunakan kendaraan yang bertipe heterogen, seperti (Bookbinder and Reece, 1988) dan (Salhi and Fraser, 1996). Selain itu, terdapat kasus khusus dimana sebuah depot hanya terdapat satu kendaraan, misalnya (Branco and Coelho, 1990).

## 5. Struktur rute.

Struktur rute yang biasa dipakai adalah dengan memulai dari sebuah *depot*, kemudian mengunjungi sejumlah *customer*, dan kembali lagi ke *depot* asal. Terdapat pula struktur rute yang memungkinkan adanya *multiple trip*, dan *pickup-delivery*.

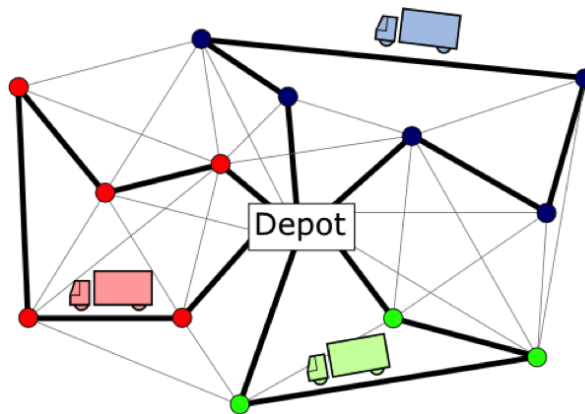
### 2.4.1 *Vehicle Routing Problem*

*Vehicle Routing Problem* (VRP) merupakan salah satu permasalahan optimasi kombinatorial yang diusulkan pertama kali oleh (Dantzig and Ramser, 1959). VRP dapat dideskripsikan sebagai permasalahan dalam menentukan desain pengiriman yang optimal atau koleksi rute dari satu atau lebih *depot* ke sejumlah kota atau pelanggan *customer* yang tersebar secara geografis (Laporte, 1992). VRP memiliki peran yang penting dalam distribusi logistik. Pada VRP, kunjungan dimulai dengan kendaraan meninggalkan *depot*, melayani sejumlah *customer*, dan kembali lagi ke depot asal, dimana masing-masing *customer* ditandai dengan *demand*. VRP klasik merupakan generalisasi dari *Traveling Salesman Problem* (TSP) dan *Bin Packaging Problem* (BPP) (Garey and Johnson, 2002).

VRP dapat didefinisikan sebagai berikut,  $G = (V, A)$  adalah sebuah *graph* dimana  $V = 1, \dots, n$  adalah sebuah set dari simpul(*vertex*) yang merepresentasikan kota dengan *depot* berada pada vertex 1. Sementara  $A$  merupakan sebuah set dari busur(*arc*), dimana setiap  $arc(i, j)$   $i \neq j$  diasosiasikan dengan matrik jarak *non-negative*  $C = (c_{ij})$ . Dalam beberapa konteks,  $c_{ij}$  dapat diinterpretasikan sebagai *travel cost* atau *travel time*. Ketika  $C$  bersifat simetris, maka seringkali  $A$  diganti dengan satu set  $E$  dari *undirected edges*. Sebagai tambahan, jika diasumsikan terdapat  $m$  kendaraan yang berada pada depot, dimana  $m_L < m < m_U$ , maka ketika  $m_L = m_U$ , maka  $m$  dikatakan *fixed*, dan ketika  $m_L = 1$  dan  $m_U = n - 1$ , maka  $m$  dikatakan *free*. Jika  $m$  tidak *fixed*, maka seringkali diasosiasikan *fixed cost*  $f$  untuk setiap kendaraan. Pada VRP klasik, asumsi bahwasannya setiap kendaraan identik dan memiliki kapasitas yang sama, yaitu  $D$ .

VRP terdiri dari satu set rute dari kendaraan yang memiliki *cost* terkecil, dengan ketentuan:

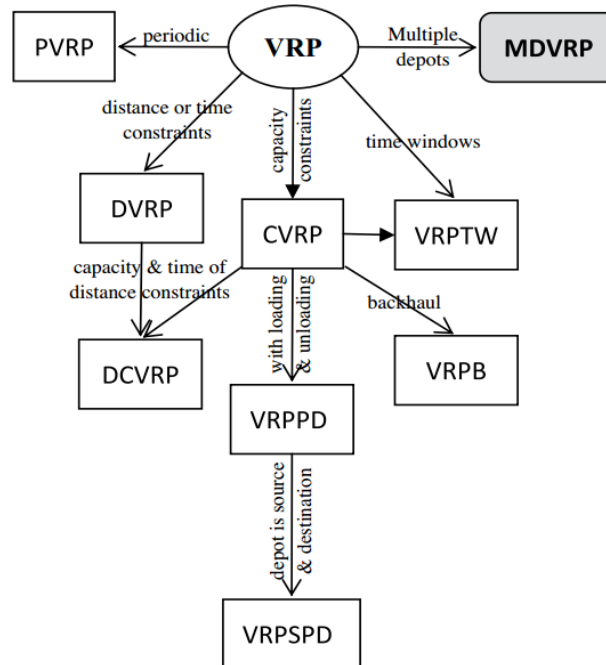
1. Setiap *customer* pada  $V$  dikunjungi hanya sekali dan oleh satu kendaraan,
2. Semua kendaraan memulai dan mengakhiri perjalanan pada satu *depot*,
3. Total *demand* dari seluruh *customer* pada setiap rute tidak melebihi  $Q$ ,
4. Durasi total dari rute tidak melebihi  $D$



**Gambar 2.3:** Ilustrasi *Vehicle Routing Problem* (VRP)

Terdapat sejumlah variasi dari VRP klasik yang telah diteliti, antara lain: *Capacitated VRP (CVRP)* yang diteliti oleh (Baldacci et al., 2010), (Cordeau et al., 2007), dan (Toth and Vigo, 2002); *VRP with Time Windows (VRPTW)*, *VRP with Pickup and Delivery (VRPPD)*, dan *Periodic VRP (PVRP)* oleh (Solomon and Desrosiers, 1988); *Dynamic VRP (DVRP)* oleh (Psaraftis, 1995), dan berbagai varian lainnya, dimana keseluruhannya hanya mempertimbangkan satu buah depot.

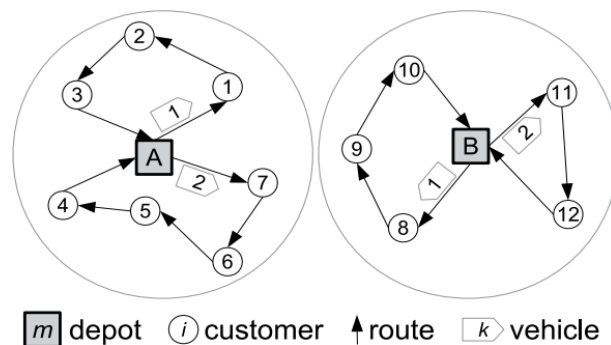
Sementara itu, *Multi-Depot Vehicle Routing Problem (MDVRP)* merupakan salah satu varian dari VRP klasik dimana terdapat lebih dari satu *depot* yang digunakan. Gambar 2.4 memberikan ilustrasi hierarki variasi dari VRP.



**Gambar 2.4:** Hierarki variasi dari VRP (Weise et al., 2009)

### 2.4.2 Multi-Depot Vehicle Routing Problem

*Multi-Depot Vehicle Routing Problem (MDVRP)* merupakan salah satu varian dari VRP klasik dimana terdapat lebih dari satu *depot* yang digunakan. Pada variasi ini, setiap *customer* akan dikunjungi oleh kendaraan yang berasal dari salah satu dari beberapa *depot*. Pada MDVRP standar, kendaraan harus memulai dan mengakhiri rute pada depot yang sama. Gambar 2.5 memberikan ilustrasi tentang MDVRP.



**Gambar 2.5:** Ilustrasi *Multi Depot VRP*

Berdasarkan (Renaud et al., 1996a), MDVRP dapat diformulasikan sebagai



berikut,  $G = (V, A)$  adalah sebuah *graph*, dimana  $V$  adalah sebuah set dari simpul(*vertex* atau *node*) dan  $A$  adalah sebuah set dari busur(*arcs*). *Node* dibagi menjadi 2 (dua) *subset*: *customer* yang akan dilayani  $V_C = \{1, \dots, N\}$ , dan satu set depot  $V_D = \{N+1, \dots, N+M\}$ , dimana  $V_C \cup V_D = V$  dan  $V_C \cap V_D = \emptyset$ . Terdapat biaya *non-negative*  $c_{ij}$  yang diasosiasikan untuk setiap *arc*  $(i, j) \in A$ . *Demand* untuk masing-masing *customer* adalah  $d_i$ , dan tidak ada *demand* pada *depot node*. Terdapat juga sejumlah  $K$  kendaraan yang identik, yang masing-masing memiliki kapasitas  $Q$ . *Service time* untuk masing-masing *customer*  $i$  adalah  $t_i$ , sementara waktu durasi maksimum untuk masing-masing rute adalah  $T$ . Faktor konversi  $w_{ij}$  mungkin dibutuhkan untuk mengkonversi *cost*  $c_{ij}$  menjadi unit waktu. Pada MDVRP klasik, *cost* sama dengan waktu dan unit jarak, sehingga  $w_{ij} = 1$ .

Dalam formula matematika, berdasarkan (Kulkarni and Bhave, 1985), variabel biner  $x_{ijk}$  sama dengan 1 ketika kendaraan  $k$  mengunjungi *node*  $j$  tepat setelah *node*  $i$ . Variabel tambahan  $y_i$  juga digunakan untuk mengeliminasi *subtour*. Persamaan 2.1 meminimalisasi *total cost*. Persamaan 2.2 dan 2.3 menjamin bahwa setiap *customer* hanya dilayani tepat satu kali oleh satu kendaraan. Alur kendaraan dijamin dengan persamaan 2.4. Kapasitas kendaraan dan batasan durasi untuk setiap rute terdapat pada persamaan 2.5 and 2.6. Persamaan 2.7 dan 2.8 mengecek keberadaan kendaraan. Eliminasi *subtour* terdapat pada persamaan 2.9. Terakhir, persamaan 2.10 dan 2.11 mendefinisikan  $x$  dan  $y$  sebagai variabel biner.

$$[!]\sum_{i=1}^{N+M}\sum_{j=1}^{N+M}\sum_{k=1}^K c_{ij}x_{ijk}; \quad (2.1)$$

$$[!]\sum_{i=1}^{N+M}\sum_{k=1}^K x_{ijk} = 1(j = 1, \dots, N); \quad (2.2)$$

$$[!]\sum_{j=1}^{N+M}\sum_{k=1}^K x_{ijk} = 1(j = 1, \dots, N); \quad (2.3)$$

$$[!]\sum_{i=1}^{N+M} x_{ihk} - \sum_{j=1}^{N+M} x_{hjk} = 0 \quad (2.4)$$

$$(k = 1, \dots, K; h = 1, \dots, N+M);$$

$$[!]\sum_{i=1}^{N+M}\sum_{j=1}^{N+M}d_ix_{ijk}\leq Q(k=1,\dots,K); \quad (2.5)$$

$$[!]\sum_{i=1}^{N+M}\sum_{j=1}^{N+M}(c_{ij}w_{ij}+t_i)x_{ijk}\leq T(k=1,\dots,K); \quad (2.6)$$

$$[!]\sum_{i=N+1}^{N+M}\sum_{j=1}^Nx_{ijk}\leq 1(k=1,\dots,K); \quad (2.7)$$

$$[!]\sum_{j=N+1}^{N+M}\sum_{i=1}^Nx_{ijk}\leq 1(k=1,\dots,K); \quad (2.8)$$

$$[!]\begin{aligned} y_i - y_j + (M+N)x_{ijk} &\leq N+M-1; \\ \text{for } 1 \leq i \neq j \leq N \text{ and } 1 \leq k \leq K; \end{aligned} \quad (2.9)$$

$$[!]\begin{aligned} x_{ijk} &\in \{0,1\} \forall i,j,k; \end{aligned} \quad (2.10)$$

$$[!]\begin{aligned} y_i &\in \{0,1\} \forall i; \end{aligned} \quad (2.11)$$

Terdapat beberapa algoritma yang dapat digunakan untuk menyelesaikan permasalahan MDVRP. (Laporte et al., 1984) dan (Laporte et al., 1988) mengembangkan algoritma *branch-and-bound*, tetapi, algoritma ini hanya dapat digunakan untuk sejumlah kecil *instance*. Sejumlah algoritma *heuristic* juga telah diteliti untuk MDVRP. Algoritma heuristic yang relatif awal, yang berbasis pada prosedur *simple construction and improvement* diteliti oleh (Tillman, 1969), (Tillman and Cain, 1972), (Tillman and Hering, 1971), (Wren and Holliday, 1972), (Gillett and Johnson, 1976), (Golden et al., 1977), dan (Raft, 1982). Penelitian yang lebih baru, (Chao et al., 1993) mengusulkan sebuah prosedur pencarian yang mengkombinasikan metode lokal *record-to-record* (Dueck, 1993) untuk mengalokasikan ulang

pelanggan ke rute kendaraan yang berbeda, yang dilanjutkan dengan prosedur 2-opt (Lin, 1965) untuk meningkatkan rute individual.

Penelitian yang lain, (Renaud et al., 1996a) menggunakan *tabu search heuristic* dimana solusi awal disusun dengan meng-assign setiap *customer* dengan depot terdekatnya. Algoritma *petal* yang dirancang oleh penulis yang sama, (Renaud et al., 1996b), kemudian digunakan untuk mencari solusi dari setiap VRP yang diasosiasikan pada masing-masing depot. Terakhir terdapat fase *improvement*, baik dengan menggunakan subset dari pertukaran 4-opt untuk meningkatkan rute individual, menukar *customer* antar rute dari depot yang sama maupun berbeda, atau menukar *customer* antara 3 (tiga) rute.

Penggunaan tabu search juga dilakukan oleh (Cordeau et al., 1997), dimana solusi awal diperoleh dengan meng-assign setiap *customer* dengan depot terdekat dan solusi digenerate untuk masing-masing depot dengan menggunakan algoritma sweep. *Improvement* dilakukan dengan memindahkan *customer* antara dua rute kepada depot yang sama, atau dengan merelokasi *customer* pada rute ke depot yang lain. *Reinsertion* dilakukan dengan menggunakan *GENI heuristic* (Gendreau et al., 1992).

Selain tabu search, terdapat juga beberapa algoritma yang dapat digunakan untuk menyelesaikan permasalahan MDVRP, yaitu: adaptive large neighborhood search (ALNS) (Pisinger and Ropke, 2007), fuzzy logic guided genetic algorithm (FLGA) (Lau et al., 2010), paralel iterated tabu search (ITS) (Cordeau and Maischberger, 2012), hybrid algorithm combining Iterated Local Search and Set Partitioning (ILS-RVND-SP) (Subramanian et al., 2013), hybrid genetic algorithm with adaptive diversity control (HGSADC+) (Vidal et al., 2014), hybrid Granular Tabu Search (ELTG) (Escobar et al., 2014), dan evolution algorithms (EAs) (Weise et al., 2009).

### 2.4.3 Cooperative Evolution Strategy

*Evolution Strategies (ESs)* merupakan salah satu *family* dari algoritma optimasi yang terinspirasi dari alam. ESs pertama kali diteliti oleh (Rechenberg, 1965) dan (Huning et al., 1976), yang kemudian diteliti lebih lanjut oleh (Schwefel, 1975). Pada ESs, setiap individu direpresentasikan oleh *genetic building blocks* dan parameter strategi yang memodelkan perilaku individu pada lingkungannya. Evolusi kemudian terjadi, yang terdiri dari perkembangan dari karakteristik genetik dan parameter strategi, dimana evolusi dari karakteristik genetik dikontrol oleh parameter strategi.

ESs merepresentasikan individu sebagai sebuah *tuple*, yang terdiri dari *decision*

vector  $x$  yang akan dioptimalisasi, dan vector parameter strategi  $\sigma$  yang merepresentasikan jumlah mutasi dari setiap dimensi.

$$[!]\chi(t) = (x(t), \sigma(t)) \quad (2.12)$$

Berdasarkan observasi biologi, keturunan (*offspring*) harus mempunyai kesamaan dengan induknya,

$$[!]\chi'(t) = (x'(t), \sigma'(t)) \quad (2.13)$$

Operator seleksi kemudian akan menentukan yang terbaik antara induk dan keturunannya. Asumsi yang digunakan adalah,

$$[!]\chi(t+1) = \begin{cases} x'(t) & f(x'(t)) < f(x(t)) \\ x(t) & \text{otherwise} \end{cases} \quad (2.14)$$

dan

$$[!]\sigma(t+1) = \begin{cases} \sigma'(t) & f(x'(t)) < f(x(t)) \\ \sigma(t) & \text{otherwise} \end{cases} \quad (2.15)$$

Algoritma 1 merupakan framework generik pada implementasi ES. Parameter  $\mu$  and  $\lambda$  mengindikasikan jumlah induk dan jumlah keturunannya. Komponen utama dari algoritma ES adalah:

1. **Initialization:** Untuk setiap individu, *genotype*-nya diinisialisasi sesuai dengan konstrain dari masalah. Parameter dari strategi juga diinisialisasi.
2. **Recombination:** Keturunan diproduksi dengan melalui operator *crossover* pada dua atau lebih induk.
3. **Mutation:** Keturunan kemudian bermutasi, dimana jumlah mutasi diukur dari parameter strategi adaptasi.
4. **Evaluation:** *Absolute fitness function* digunakan untuk mengukur kualitas dari solusi yang direpresentasikan dengan *genotype* dari individu.

5. **Selection:** Operator seleksi digunakan untuk dua tujuan: memilih induk untuk rekomendasi, dan menentukan individu yang masih bertahan.

---

**Algorithm 1** Algoritma Evolution Strategy

---

```

1: Set the generation counter,  $t = 0$ ;
2: Initialize the strategy parameters;
3: Create and initialize the population,  $C(0)$ , of  $\mu$  individuals;
4: for each individual,  $\chi_i(t) \in C(t)$  do
5:   Evaluate the fitness,  $f(\chi_i(t))$ ;
6: end for
7: while stopping condition(s) not true do
8:   for  $i = 1, \dots, \lambda$  do
9:     Choose  $\rho \geq 2$  parents at random;
10:    Create offspring through application of crossover operator on parent genotypes and strategy parameters;
11:    Mutate offspring strategy parameters and genotype;
12:    Evaluate the fitness of the offspring;
13:   end for
14:   Select the new population,  $C(t + 1)$ ;
15:    $t = t + 1$ ;
16: end while

```

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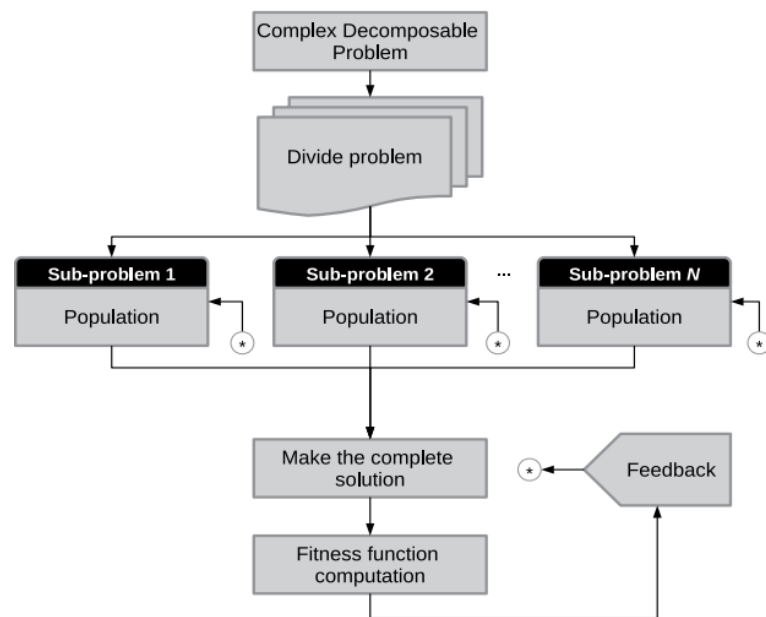
Jika pada algoritma evolusi (EA), evolusi biasanya dipandang sebagai usaha populasi untuk beradaptasi dengan lingkungan yang tetap, terdapat algoritma terkait yang lebih bersifat natural, yaitu algoritma *coevolution* (CoEA). Algoritma *coevolution* adalah algoritma yang bersifat komplemen (saling melengkapi) antara spesies terkait. Ilustrasi *coevolution* antara dua spesies adalah seperti dicontohkan oleh (Holland and others, 1990), yaitu interaksi antara tanaman dan serangga. Agar tetap dapat bertahan, tanaman membutuhkan mekanisme evolusi untuk mempertahankan diri dari serangga, sementara serangga membutuhkan tanaman sebagai sumber makanan. Keduanya, tanaman dan serangga, masing-masing berevolusi untuk mendapatkan karakteristik yang membuat mereka bertahan hidup.

Perbedaan antara algoritma CoEA dengan EA, adalah CoEA tidak hanya terkait antar populasi, tetapi juga merespon perubahan lingkungan yang disebabkan oleh populasi yang lain. Perbedaan lain, EA mendefinisikan solusi optimal melalui fungsi *fitness* yang bersifat absolut, yang mana fungsi *fitness* tersebut mendorong terjadinya evolusi. Sebaliknya, CoEA tidak mendefinisikan solusi optimal menggunakan fungsi *fitness*, sehingga evolusi terus terjadi dimana optimal solusi diperoleh dengan mengalahkan lawan.

Terdapat dua macam pendekatan berbasis *coevolution*, yaitu *competitive coevolution* dan *cooperative coevolution*. *Competitive coevolution* dibagi menjadi dua:

1) **Competition**, dimana satu atau lebih populasi saling menghambat. Keberhasilan satu populasi membuat populasi lain gagal. 2) **Amensalism**, dimana terhambatnya satu populasi tidak berpengaruh terhadap populasi lain. Sementara *cooperative co-evolution* juga dibagi menjadi tiga: 1) **Mutualism**, dimana satu atau lebih populasi saling menguntungkan. 2) **Commensalism**, dimana hanya sebagian populasi diuntungkan, sementara populasi yang lain tidak terpengaruh. 3) **Parasitism**, dimana sebagian populasi mengambil keuntungan dari populasi yang lain.

Penelitian yang menggunakan CoEA, dalam kaitannya dengan penyelesaian masalah MDVRP, salah satunya dilakukan oleh (de Oliveira et al., 2016). (de Oliveira et al., 2016) membagi masalah menjadi beberapa sub-masalah, dimana masing-masing sub-masalah akan menjadi sebuah populasi yang akan berinteraksi dengan populasi yang lain. Setiap populasi kemudian akan berevolusi, dimana sebagaimana pada teori *coevolution*, evolusi dari satu populasi akan mempengaruhi populasi yang lain. Pada penelitian (de Oliveira et al., 2016), hubungan yang terjadi pada setiap populasi bersifat *cooperative*, dimana setiap populasi akan bekerja sama membentuk solusi terbaik.



**Gambar 2.6:** Lifecycle pada Cooperative Coevolution (de Oliveira et al., 2016)

## 2.5 Messaging Solution

Ketika dua buah aplikasi ingin saling bertukar data, mereka akan melakukannya dengan mengirimkan data melalui *channel* yang akan menghubungkan keduanya. Yang menjadi tantangan adalah memilih *channel* yang tepat dalam pengiriman pe-

san.

Terdapat banyak cara interaksi antara *client* dengan *server*, dan yang paling banyak diadopsi adalah dengan melalui media web. Begitu juga dengan mekanisme yang dipakai dalam implementasi *location routing problem*, sebagian besar menggunakan media web, seperti (Weise et al., 2009), (Sengoku and Yoshihara, 1998), (Sarmenta et al., 2002), dan (Diaz, 2012). Akan tetapi, teknologi web bekerja secara *synchronous*, dimana setiap *request* dan *reply* akan diproses secara berurutan, sehingga tidak sesuai diimplementasikan pada sistem yang bersifat *information driven* (Mhl, 2002). Selain itu, komunikasi *point-to-point* dan *synchronous* membuat pengembangan menjadi tidak fleksibel (Eugster et al., 2003).

### 2.5.1 Mekanisme *Publish/Subscribe*

*Publish/subscribe interaction* merupakan salah satu alternatif untuk komunikasi antara *client* dan *server*. Paradigma interaksi pada *publish/subscribe* adalah adanya *subscriber* yang memiliki ketertarikan pada suatu *event* atau *pattern of event*, agar dapat dikirimkan notifikasi tentang sebuah *event* oleh *publisher* yang sesuai dengan *interest-nya*.

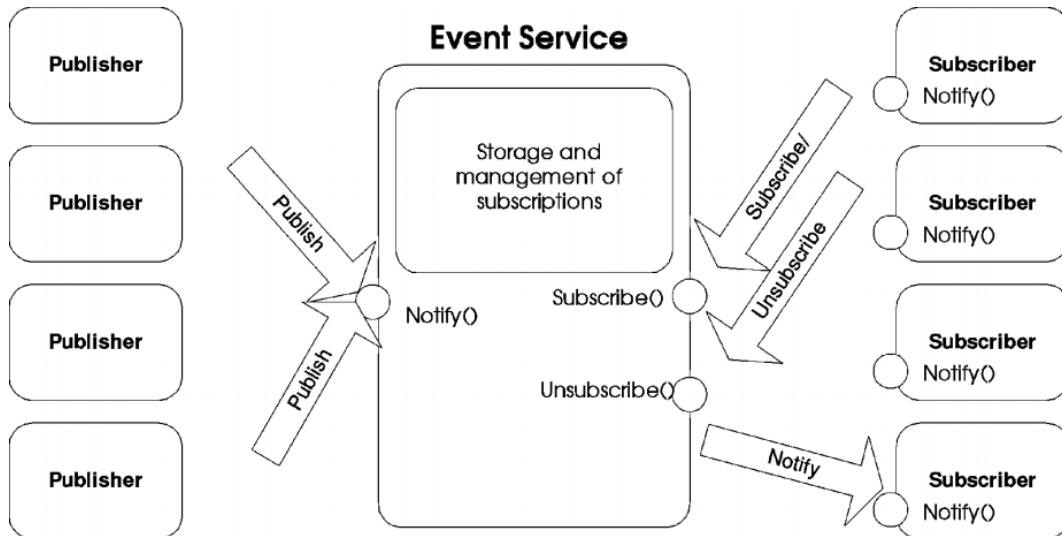
Model dasar dari sistem berbasis *publish/subscribe*, seperti Gambar 2.7, bergantung pada *event notification service* yang menyediakan penyimpanan dan manajemen dari *subscription*. *Event service* tersebut berperan sebagai mediator antara *publisher* yang berperan sebagai produsen *event* dan *subscriber* yang berperan sebagai konsumen dari *event*.

*Subscriber* mendaftarkan ketertarikannya pada sebuah *event* tanpa perlu mengetahui sumber dari *event* tersebut, dengan memanggil operasi *subscribe()* pada *event service*. Informasi *subscription* ini tetap tersimpan didalam penyimpanan pada *event service*. Untuk menggenerate *event*, *publisher* memanggil operasi *publish()*. *Event service* kemudian meneruskan *event* yang diproduksi tersebut kepada *subscriber* dengan ketertarikan yang sesuai.

Paradigma *publish/subscribe* memiliki sifat *loose coupling*. Pemisahan (*decoupling*) informasi yang terjadi antara *subscriber* dan *publisher* dapat dipisahkan dalam 3 (tiga) dimensi. Sebagaimana diilustrasikan pada Gambar 2.8, *decoupling* informasi tersebut adalah sebagai berikut:

1. *Space decoupling*.

Interaksi antara *publisher* dan *subscriber* tidak perlu saling mengetahui satu dengan yang lain. *Publisher* mengirimkan *event*, dan *subscriber* menerima *event* secara tidak langsung melalui *event service*. *Publisher* biasanya tidak



**Gambar 2.7:** Arsitektur dasar pada Pub/Sub (Eugster et al., 2003)

memegang referensi terhadap *subscriber*. Begitu juga sebaliknya, *subscriber* biasanya tidak memegang referensi terhadap *publisher*.

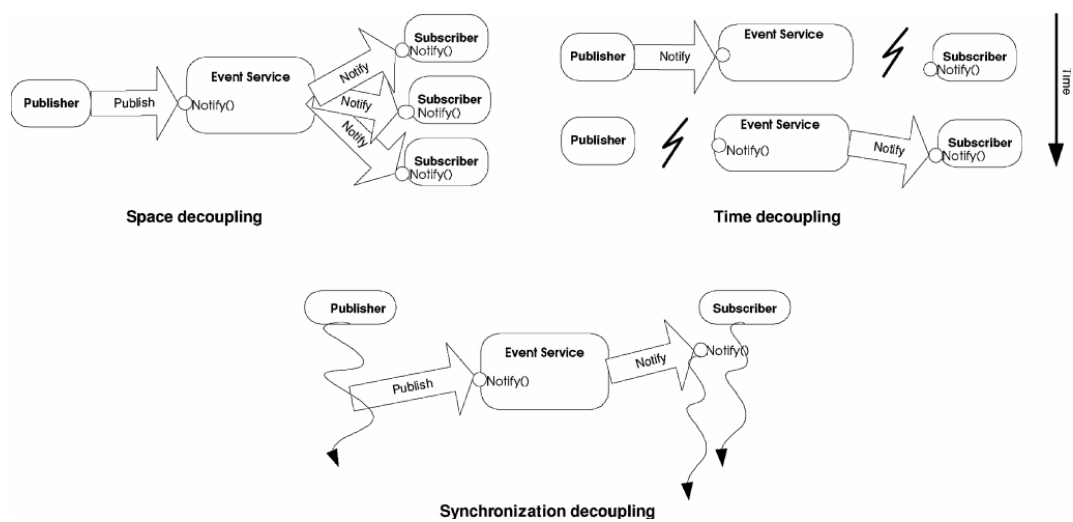
## 2. *Time decoupling.*

Pihak-pihak yang berinteraksi, tidak harus berinteraksi pada waktu yang bersamaan. *Publisher* dapat mengirimkan *event* pada saat *subscriber* dalam kondisi terputus. Begitu juga sebaliknya, *subscriber* tetap dapat menerima *event*, meskipun *original publisher* dalam kondisi terputus.

## 3. *Synchronizing decoupling.*

*Publisher* tidak diblok ketika memproduksi *event*, dan juga *subscriber* tetap dapat memperoleh informasi meskipun sedang mengerjakan tugas yang lain. *Publisher* dan *subscriber* tidak berada dalam *main flow*, sehingga tidak berinteraksi secara *synchronous*.





**Gambar 2.8:** Pemisahan informasi pada Pub/Sub (Eugster et al., 2003)

## BAB 3

### METODOLOGI

**@todo**

tambahkan kata-kata pengantar bab 1 disini

## **BAB 4**

### **ANALISIS DAN PERANCANGAN**

#### **4.1 Analisis**

Pada kondisi saat ini, alokasi petugas pengumpulan data di BPS dilakukan pada saat perancangan. Sebelum proses pengumpulan data dilakukan, dan lokasi pencacahan telah diketahui (berdasarkan metode sampling yang digunakan), petugas direkrut dan kemudian dialokasikan kepada lokasi pencacahan terdekat. Pengalokasian lokasi pencacahan terhadap masing-masing pencacah, seringkali dilakukan secara subyektif, akibatnya selain variasi waktu penyelesaian tinggi, juga terkadang menyebabkan ketidakmerataan beban.

Metode MTSP dan VRP serta berbagai variasinya dapat digunakan untuk mengatasi pengalokasian diatas. Variasi MTSP yang dapat digunakan dalam permasalahan ini antara lain:

- Menggunakan lebih dari satu pencacah, dimana masing-masing pencacah memulai dari *depot* yang berbeda-beda;
- Penimbang dari setiap lokasi pencacahan dengan lokasi lainnya direpresentasikan dengan waktu tempuh. Waktu tempuh lebih representatif untuk digunakan sebagai penimbang dibanding jarak, karena jarak tidak memperhitungkan kesulitan akses.

Untuk menggambarkan bagaimana MTSP dapat digunakan untuk mengatasi masalah ini, maka perlu dilakukan eksperimen. Eksperimen ini menggunakan 182 lokasi pencacahan yang merepresentasikan *customer* dalam MTSP, 15 pencacah yang merepresentasikan *salesman*, dan 15 *depot*. Langkah-langkah yang dilakukan dalam eksperimen adalah sebagai berikut:

##### **4.1.1 Dataset**

###### **4.1.1.1 Lokasi Pencacahan**

Data lokasi pencacahan yang digunakan sebanyak 182 lokasi, yang diambil dari lokasi nagari/kelurahan di Kab. Pesisir Selatan, Sumatera Barat. Masing-masing lokasi dilengkapi atribut ID, sumbu lintang dan sumbu bujur, sebagaimana contoh

data yang yang terdapat pada Tabel 4.1. Adapun data lokasi secara lengkap terdapat pada Lampiran 1.

**Tabel 4.1:** Lokasi Pencacahan

	Koordinat	
	Latitude	Longitude
1302011001	-2.3504	101.1434
1302011002	-2.4233	101.0285
1302011003	-2.3798	101.0427
1302011004	-2.3884	101.049
1302011005	-2.3936	101.0546
...		
1302110019	-1.2387	100.4853
1302110020	-1.1408	100.4938
1302110021	-1.0883	100.4652
1302110022	-1.0886	100.489
1302110023	-1.1523	100.4978

#### 4.1.1.2 Pencacah

Pada konsep MTSP, pencacah berperan sebagai *salesman* yang harus berpindah dari satu lokasi ke lokasi lain secara berurutan. Pencacah, selain dilengkapi dengan ID, juga dilengkapi dengan *depot*, yaitu lokasi dimana pencacah harus memulai dan mengakhiri kunjungan. Dalam eksperimen ini digunakan 15 pencacah dengan lokasi *depot* yang bervariasi, sebagaimana terdapat pada Tabel 4.2 dan Lampiran 2 untuk versi lengkapnya.

#### 4.1.1.3 Jarak dan Waktu Tempuh

Jarak dan waktu tempuh antar node digunakan sebagai penimbang dalam penentuan rekomendasi lokasi. Penghitungan jarak dan waktu tempuh, selain dapat dilakukan secara manual (berdasarkan hasil survei atau perkiraan *subject matter*), dapat juga didekati dengan menggunakan Google Directions API (Google, 2016). Keuntungan dengan menggunakan Google Direction API adalah jarak dan waktu yang dihitung telah memperhitungkan rute tercepat, kondisi geografis, kemacetan lalu-lintas, dan moda yang digunakan. Adapun kekurangan dari Google Direction API adalah

**Tabel 4.2:** Pencacah

	Koordinat Depot	
	Latitude	Longitude
1302011008	-2.3905	101.1214
1302012003	-2.199	101.1188
1302020006	-2.1225	101.0687
...		
1302100002	-1.23265	100.54314
1302101005	-1.19831	100.58078
1302110003	-1.2475	100.4745

jumlah *requests* yang dapat dikirimkan sangat terbatas, hanya 1.000 *requests* per hari per akun, sementara jumlah waktu dan jarak yang harus dihitung sejumlah  $nx(n-1) = 182 \times 187 = 32.942$ . Listing 4.1 memuat contoh *requests URL* dengan Google Direction API. *request URL* ini dapat dieksekusi dengan aplikasi eksternal, misalnya *CURL*, atau dapat di-*embed* kedalam aplikasi dan dieksekusi dengan menggunakan *Http Client*. Contoh *response* Google Direction API dapat dilihat pada Gambar 4.1.

```
https://maps.googleapis.com/maps/api/directions/json?origin=origin_lat,
origin_lon&destination=dest_lat,dest_lon&departure_time=timestamp&
traffic_model=best_guess&key=API_KEY
```

**Kode 4.1:** Google Direction API Request

Contoh matrix jarak dan waktu tempuh dapat dilihat pada Tabel 4.3, sementara data secara lengkap dapat dilihat pada Lampiran 3. Sebagai catatan, jika lokasi *depot* dari pencacah bukan salah satu dari lokasi pencacahan, maka lokasi *depot* juga harus disertakan dalam matriks jarak dan waktu tempuh.

#### 4.1.2 *Library* dan Implementasi

Terdapat banyak *library* yang dapat digunakan untuk mengatasi permasalahan terkait TSP, mulai dari yang berbayar maupun *open source*. Diantara yang *open source*, terdapat dua *library* yang cukup lengkap untuk menyelesaikan berbagai variasi dari TSP, yaitu: Jsprit (jsprit, 2014) dan Optaplanner (OptaPlanner, 2016). Pada eksperimen ini digunakan Jsprit, selain dikarenakan lebih mudah dalam implemen-

```

{
  + geocoded_waypoints: [...],
  - routes: [
    - {
      + bounds: {...},
      copyrights: "Map data ©2016 Google",
      - legs: [
        - {
          - distance: {
              text: "0.5 km",
              value: 511
            },
          - duration: {
              text: "2 mins",
              value: 130
            },
          - duration_in_traffic: {
              text: "2 mins",
              value: 129
            },
        },
      ],
    },
  ],
}

```

**Gambar 4.1:** Google Direction API Response

**Tabel 4.3:** Matriks Jarak dan Waktu Tempuh

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021001	1302021003	11119	1055
1302021001	1302021002	9373	868
1302021001	1302021005	490	38
1302021001	1302021004	22760	2044
...			
1302040015	1302012010	77889	8305
1302040014	1302100015	103893	9984
1302040014	1302012010	73561	7546
1302100015	1302012010	171636	16801

tasi, juga dikarenakan Optaplanner lebih berfokus pada *job scheduling*.

Jsprit merupakan sebuah library berbasis java yang dapat digunakan untuk menyelesaikan permasalahan *traveling salesman problem* (TSP) dan *vehicle routing problems* (VRP). Jsprit mencakup berbagai skenario yang cukup bervariasi, antara lain : *pickups and deliveries, back hauls, heterogeneous fleets, finite and infinite fleets, multiple depots, time windows, open routes, different start and end locations, multiple capacity dimensions, initial loads, skills*, dll. Cara kerja Jsprit sangat terstruktur, mulai dari pendefinisian masalah, pemilihan algoritma, pencarian solusi, dan terakhir pemilihan solusi terbaik.

#### 4.1.2.1 Definisi Masalah

Pendefinisian masalah dengan library Jsprit terdiri dari 3 (tiga) tahapan: definisi lokasi pencacahan, definisi pencacah, dan definisi matriks jarak dan waktu tempuh. Data yang digunakan pada pendefinisian masalah seperti yang telah dijelaskan pada Section 4.1.1. Tahap pertama, pendefinisian lokasi pencacahan, dapat dilihat pada Kode 4.2. Sementara tahap kedua, pendefinisian pencacah, dapat dilihat pada Kode 4.3, dan tahap terakhir, pendefinisian jarak dan waktu tempuh dapat dilihat pada Kode 4.4. Setelah seluruh data dimasukkan, selanjutnya masalah dapat di-build, sebagaimana dalam Kode 4.5.

```
Service.Builder builder = Service.Builder.newInstance(line[0]);

try {
    Location loc = Location.Builder.newInstance()
        .setId(line[0])
        .setCoordinate(
            Coordinate.newInstance(Double.parseDouble(line[2]),
                Double.parseDouble(line[1]))).build();
    builder.setLocation(loc);
} catch (Exception e) {}

Service node = builder.build();
vrpBuilder.addJob(node);
```

**Kode 4.2:** Definisi Lokasi Pencacahan

```
VehicleTypeImpl.Builder vehicleTypeBuilder =
    ↪ VehicleTypeImpl.Builder.newInstance("enumerator");
vehicleTypeBuilder.setCostPerDistance(0);
vehicleTypeBuilder.setCostPerTransportTime(1);
vehicleTypeBuilder.setCostPerServiceTime(1);
VehicleType vehicleType = vehicleTypeBuilder.build();

VehicleImpl.Builder builder = VehicleImpl.Builder.newInstance(line[0]);

try {
    Location loc = Location.Builder.newInstance()
        .setId(line[0])

    ↪ .setCoordinate(Coordinate.newInstance(Double.parseDouble(line[2]),
        Double.parseDouble(line[1])))
        .build();
    builder.setStartLocation(loc);
} catch (Exception e) {}

builder.setType(vehicleType);
VehicleImpl vehicle = builder.build();
vrpBuilder.addVehicle(vehicle);
```

**Kode 4.3:** Definisi Pencacah dari File .csv

```

VehicleRoutingTransportCostsMatrix.Builder costMatrixBuilder =
    ↪ VehicleRoutingTransportCostsMatrix.Builder
      .newInstance(true);

while ((line = reader.readNext()) != null) {
    try {
        costMatrixBuilder.addTransportDistance(line[0], line[1],
    ↪ Double.parseDouble(line[2]));
        costMatrixBuilder.addTransportTime(line[0], line[1],
    ↪ Double.parseDouble(line[3]));
    } catch (Exception e) {
        costMatrixBuilder.addTransportDistance(line[0], line[1], 0.0);
        costMatrixBuilder.addTransportTime(line[0], line[1], 0.0);
    }
}

VehicleRoutingTransportCosts costMatrix = costMatrixBuilder.build();
vrpBuilder.setRoutingCost(costMatrix);

```

**Kode 4.4:** Definisi Penimbang Jarak dan Waktu Tempuh dari File .csv

```

VehicleRoutingProblem.Builder vrpBuilder =
    ↪ VehicleRoutingProblem.Builder.newInstance();
vrpBuilder.setFleetSize(VehicleRoutingProblem.FleetSize.FINITE);
VehicleRoutingProblem problem = vrpBuilder.build();

```

**Kode 4.5:** Build Problem

#### 4.1.2.2 Definisi Algoritma

Setelah masalah di-*build*, selanjutnya Jsprit akan membuat algoritma dari masalah yang telah didefinisikan sebelumnya secara *out-of-the-box*. Pada tahap ini juga dapat ditentukan berapa jumlah iterasi yang akan digunakan, dan thread yang akan digunakan dalam pencarian solusi. Kode 4.6 menunjukkan bagaimana Jsprit menciptakan algoritma.

```

VehicleRoutingAlgorithm algorithm = Jsprit.Builder.newInstance(problem)
    .setProperty(Jsprit.Parameter.THREADS, 5).buildAlgorithm();
algorithm.setMaxIterations(iterations);

```

**Kode 4.6:** Penentuan Algoritma

#### 4.1.2.3 Pencarian Solusi dan Penentuan Solusi Terbaik

Setelah algoritma dibuat, selanjutnya proses pencarian solusi dapat dilakukan. Pada tahapan ini, akan ditemukan lebih dari satu solusi terbaik, sehingga perlu dipilih solusi terbaik dari sejumlah solusi tersebut. Kode 4.7 menunjukkan bagaimana pencarian solusi oleh Jsprit dilakukan.



```
Collection<VehicleRoutingProblemSolution> solutions =
    ↪ algorithm.searchSolutions();
VehicleRoutingProblemSolution bestSolution =
    ↪ Solutions.bestOf(solutions);
```

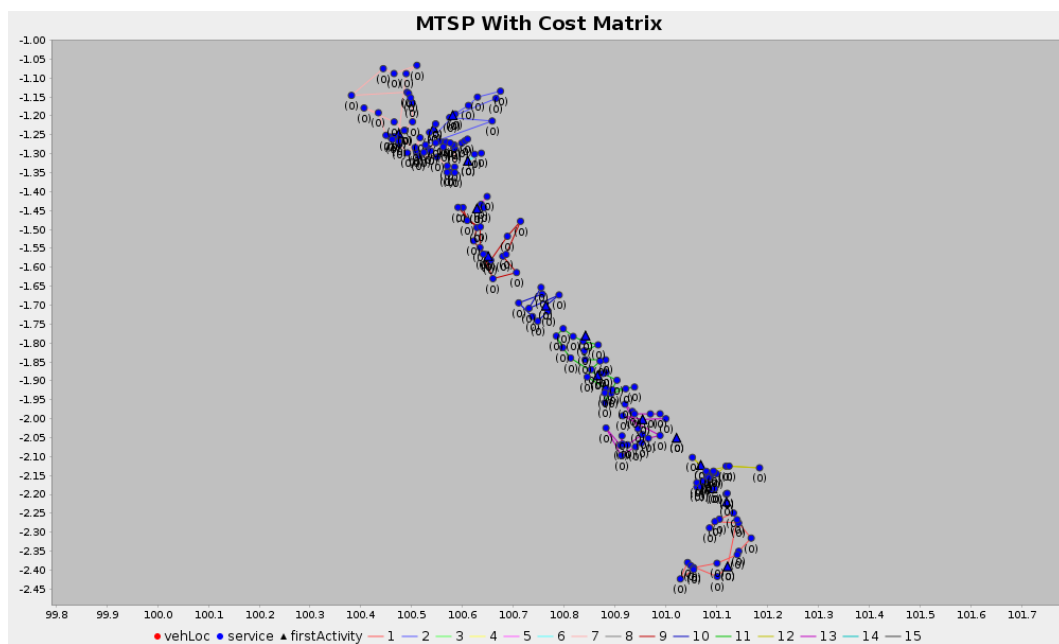
**Kode 4.7:** Pencarian Solusi

### 4.1.3 Hasil dan Analisis

Dari eksperimen diatas, diperoleh rekomendasi seperti Gambar 4.2, atau Listing 4.8 untuk detail dari masing-masing pencacah. Jika *service time* diketahui mengikuti distribusi *normal*, seperti pada Lampiran 4, maka dapat diperoleh rata-rata dan standar deviasi waktu penyelesaian untuk masing-masing pencacah adalah:

$$\mu = 82.24 \text{ jam}$$

$$\sigma = 88.95 \text{ jam}$$



**Gambar 4.2:** Grafik Rekomendasi dengan MTSP

Dari eksperimen, dapat diketahui metode MTSP tidak cocok digunakan untuk menentukan rekomendasi yang sensitif terhadap *time windows*, namun datanya tidak tersedia sampai dengan lokasi dikunjungi. Untuk itu MTSP perlu dikombinasikan dengan metode lain, sehingga dapat memberikan rekomendasi dengan lebih akurat.

Solusi yang ditawarkan untuk menyelesaikan kasus rekomendasi lokasi pen-

```

1302021005 : 1302021001 --> 1302021005
1302101005 : 1302101005 --> 1302101001 --> 1302100010 --> 1302100014
↳ --> 1302100011 --> 1302101004 --> 1302101006 --> 1302101003 -->
↳ 1302101002
1302070006 : 1302070006 --> 1302070002 --> 1302070003 --> 1302080009
↳ --> 1302080004 --> 1302080001 --> 1302080005 --> 1302080003 -->
↳ 1302070012 --> 1302070011 --> 1302070001 --> 1302070004 -->
↳ 1302070007 --> 1302070008 --> 1302070010 --> 1302070009 -->
↳ 1302070005
1302050007 : 1302050007
1302100002 : 1302100002 --> 1302100003 --> 1302100013 --> 1302100012
1302030005 : 1302030005
1302110003 : 1302110003 --> 1302100001 --> 1302090006 --> 1302090012
↳ --> 1302090003 --> 1302090014 --> 1302090009 --> 1302090015 -->
↳ 1302090018 --> 1302090016 --> 1302090017 --> 1302090013 -->
↳ 1302090005 --> 1302090007 --> 1302090002 --> 1302090008 -->
↳ 1302090001 --> 1302100015 --> 1302100004 --> 1302100016 -->
↳ 1302090011 --> 1302090010 --> 1302100017 --> 1302100006 -->
↳ 1302100007 --> 1302100009 --> 1302100008 --> 1302100005 -->
↳ 1302110001 --> 1302110010 --> 1302110013 --> 1302110002 -->
↳ 1302110014 --> 1302110015 --> 1302110011 --> 1302110016 -->
↳ 1302110017 --> 1302110004 --> 1302110018 --> 1302110019 -->
↳ 1302110005 --> 1302110012 --> 1302110023 --> 1302110020 -->
↳ 1302110006 --> 1302110007 --> 1302110008 --> 1302110021 -->
↳ 1302110009 --> 1302110022
1302012003 : 1302012007 --> 1302012003 --> 1302012008
1302080006 : 1302080006 --> 1302080008 --> 1302080002 --> 1302080007
1302031005 : 1302031005 --> 1302031008 --> 1302030014 --> 1302030006
↳ --> 1302030009 --> 1302030004 --> 1302030010 --> 1302031003 -->
↳ 1302030002 --> 1302031004 --> 1302030003 --> 1302030012 -->
↳ 1302031001 --> 1302031006 --> 1302040011 --> 1302031009 -->
↳ 1302031010 --> 1302031002 --> 1302031007 --> 1302030001
1302060005 : 1302060005 --> 1302060009 --> 1302060006 --> 1302060008
↳ --> 1302060002 --> 1302060007 --> 1302060001 --> 1302060003 -->
↳ 1302060004
1302020006 : 1302020006 --> 1302020015 --> 1302020011 --> 1302020009
↳ --> 1302020010 --> 1302020001 --> 1302020003 --> 1302020005 -->
↳ 1302021006 --> 1302021002 --> 1302021007 --> 1302021008 -->
↳ 1302021003 --> 1302021009 --> 1302021004 --> 1302021010 -->
↳ 1302020016 --> 1302020017
1302011008 : 1302011008 --> 1302011007 --> 1302011004 --> 1302011003
↳ --> 1302011002 --> 1302011006 --> 1302011005 --> 1302011009 -->
↳ 1302011010 --> 1302011001 --> 1302012005 --> 1302012002 -->
↳ 1302012009 --> 1302012010 --> 1302012004 --> 1302012001 -->
↳ 1302012006
1302040002 : 1302040002 --> 1302040003 --> 1302040004 --> 1302040015
↳ --> 1302040008 --> 1302040009 --> 1302040010 --> 1302040014 -->
↳ 1302040012 --> 1302040013 --> 1302040001 --> 1302040016 -->
↳ 1302040007 --> 1302040006 --> 1302040005 --> 1302050001 -->
↳ 1302050004 --> 1302050006 --> 1302050002 --> 1302050008 -->
↳ 1302050010 --> 1302050009 --> 1302050005 --> 1302050003
1302090004 : 1302090004 --> 1302090019 --> 1302090020

```

#### Kode 4.8: Rekomendasi dengan MTSP

cacahan adalah dengan menggunakan *real-time* MTSP. Ada berbagai cara untuk mengimplementasikan *real-time system*, yang paling umum adalah dengan menggunakan *Web service*. *Web service* bekerja secara *synchronous*, dimana setiap *request* dan *reply* akan diproses secara berurutan. Arsitektur semacam ini tidak cocok digunakan dalam aplikasi yang bersifat *information driven* (Mhl, 2002). Se-

**Tabel 4.4:** Total Waktu Setiap Pencacah dengan MTSP

Pencacah	Total Waktu (jam)
1302021005	13.3
1302101005	60.8
1302070006	116
1302050007	6
1302100002	26.6
1302030005	6
1302110003	341
1302012003	19.9
1302080006	27.1
1302031005	136
1302060005	61.3
1302020006	121
1302011008	116
1302040002	162
1302090004	20.2

bagai alternatif, paradigma *publish/subscribe* dapat digunakan, karena paradigma *publish/subscribe* memungkinkan *client/subscriber* dan *server/publisher* berkomunikasi secara tidak langsung.

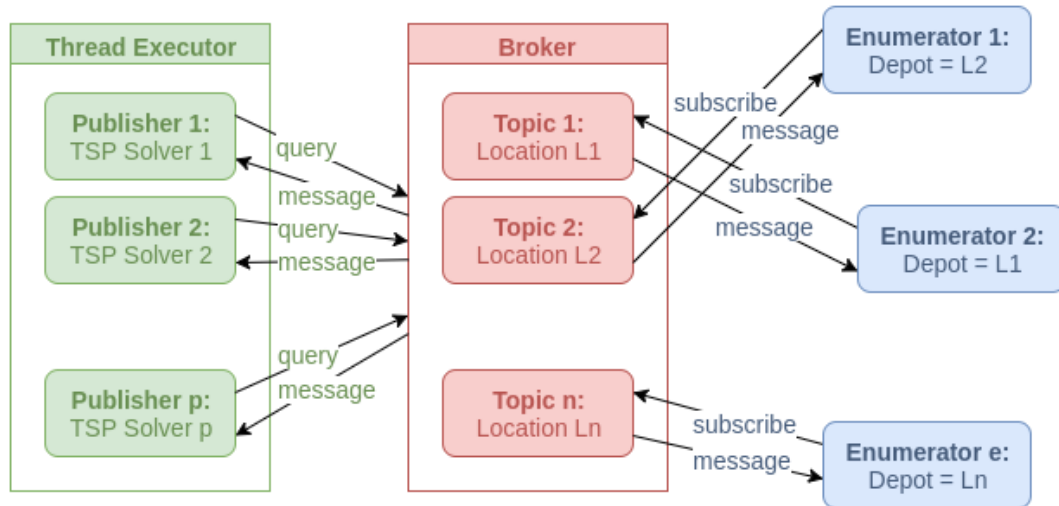
## 4.2 Perancangan

### 4.2.1 *System Overview*

Sebagaimana disampaikan sebelumnya, kekurangan algoritma MDVRP ketika digunakan begitu saja dalam rekomendasi lokasi untuk pengumpulan data lapangan adalah ketiadaan data waktu kunjungan (*time service*), yang mana memiliki peranan penting dalam kalkulasi rekomendasi. Untuk itu algoritma MDVRP perlu diintegrasikan dengan suatu mekanisme *real-time*. Terdapat beberapa mekanisme yang bisa diadopsi untuk sistem *real-time*, antara lain: Web Service, Remote Procedure Call (RPC), message passing, dan *publish/service* (Eugster et al., 2003).

Pada penelitian ini digunakan mekanisme *publish/subscribe*, karena *publish/subscribe* memiliki karakteristik *loose coupling*. Terlebih lagi mekanisme *publish/subscribe* juga cocok digunakan pada sistem yang bersifat *information-driven*

(Mhl, 2002). Karena karakteristiknya ini, *publish/subscribe* dapat bekerja secara *synchronous*, dimana *request* dan *reply* tidak harus diproses secara berurutan. *Publisher* dapat melakukan *publish* dalam kondisi *offline*, begitu juga *subscriber* dapat melakukan *subscribe* ketika *offline*.



**Gambar 4.3:** Garis Besar Sistem

Gambar 4.3 menunjukkan garis besar sistem yang terdiri dari 3 (tiga) komponen utama, yaitu: *publisher*, *subscriber*, dan *message broker* (Banavar et al., 1999). Komunikasi yang terjadi antara *publisher* dan *subscriber* disusun atas dasar kesamaan *event* atau *topic*. *Subscriber* dalam konteks sistem rekomendasi lokasi pencacahan adalah setiap pencacah yang menginginkan informasi tentang suatu topik. Pada penelitian ini, topik yang digunakan sebagai dasar komunikasi antara *publisher* dan *subscriber* adalah *current location* dari masing-masing *subscriber*. Pemilihan "*current location*" sebagai topik karena "*current location*" bersifat *unique*, dimana satu lokasi pencacahan hanya dikunjungi oleh satu pencacah, sehingga sebuah topik hanya akan mempunyai satu *subscriber*.

Sementara *publisher* merupakan satu atau lebih *worker* yang mem-*publish* informasi tentang *next location* dari setiap topik. Pada sisi *publisher*, lokasi pencacahan berikutnya akan dikalkulasi. Hasil kalkulasi akan menghasilkan sejumlah rute. Rute yang dihasilkan kemudian di-*publish* kepada sejumlah *subscriber*. Sementara itu, *message broker* bertanggung jawab untuk meneruskan pesan antara *publisher* dan *subscriber* dan *menghandle* seluruh topik.

#### 4.2.2 Recommendation Publisher

Sebagaimana disampaikan sebelumnya, ada penelitian ini, topik yang digunakan sebagai dasar komunikasi antara *publisher* dan *subscriber* adalah *current location*

dari masing-masing *subscriber*. Oleh karena itu, diperlukan pengecekan secara periodik untuk mendeteksi adanya topik baru, yang berarti terdapat lokasi baru yang *direquest*. Untuk itu sebuah thread (Algoritma 2) perlu disiapkan untuk melakukan pengecekan terhadap topik yang baru.

---

**Algorithm 2** TopicWatcher
 

---

**Input:**  $C$

**Output:**  $T$

```

1: for  $i = 1$  to  $\text{len}(C)$  do
2:   for  $j = 1$  to  $N$  do
3:     if  $(C_i == E_j)$  then
4:        $T_j = \text{Thread}(C_i, V_1 \dots V_M, (\text{unassigned})E_1 \dots E_N)$ 
5:     end if
6:   end for
7: end for
8: return  $T$ 

```

---

Setiap kali sebuah topik baru muncul, sebuah *thread* baru akan disiapkan, dan topik tersebut akan dijadikan sebagai ID dari *thread*. Setiap *thread* yang terbentuk akan terkandung sebuah *VRP solver procedure* (Algoritma 3) yang akan melakukan pencarian solusi/rute. Untuk manage seluruh *thread* dari topik, maka disiapkan sebuah *threadpool* yang akan menampung *thread* berdasarkan waktu kedatangan. Karena setiap *thread* menggunakan topik sebagai ID, maka jumlah *thread* akan sama dengan seluruh topik, atau seluruh lokasi pencacahan.

Setiap thread dalam threadpool akan dieksekusi secara berurutan sesuai urutan kedatangan, setiap thread dalam satu session. Setiap thread yang dijalankan, akan melakukan pencarian solusi dengan menggunakan *VRPSolver procedure*, sebagaimana terdapat pada subsection 4.2.3, dengan menyertakan seluruh  $M$  kendaraan dan  $(\text{unassigned})N$  lokasi. Hal ini dikarenakan *VRPSolver* menggunakan *total route costs* sebagai *fitness value*, sehingga berpotensi terjadi *local best solution*. Maksud dari *local best solution* adalah solusi yang dihasilkan adalah solusi terbaik bagi seorang pencacah saja, yang sebenarnya akan lebih baik jika *lokasi* pada solusi tersebut diassign kepada pencacah lain.

Proses yang terjadi pada *procedure VRPSolver* akan menghasilkan paling tidak sebuah rute, dan paling banyak  $M$  (sama dengan jumlah kendaraan). Setiap rute  $R_i$  yang dihasilkan oleh *VRPSolver* kemudian akan dipublish kepada seluruh *subscriber* pada topik  $C_i$ . Setelah solusi diteruskan kepada *subscriber*, *message broker* akan memberikan informasi tentang jumlah *subscriber* yang menerima pesan kepada *publisher*, tetapi identitas dari penerima tetap tidak diketahui. Jika setiap rute  $R_i$  terdapat satu atau lebih penerima pesan, maka *thread* yang memiliki ID

---

**Algorithm 3** VRPWorker
 

---

**Input:**  $T$ **Output:**  $R$ 

```

1: for  $i = 1$  to  $\text{len}(T)$  do
2:    $R = \text{VRPSolver}(T_i)$ 
3:   for  $j = 1$  to  $\text{len}(R)$  do
4:      $r = \text{publish}(C_{R_j}, R_j)$ 
5:     if  $(r > 0)$  then
6:        $\text{cancelSolver}(T_j)$ 
7:     else if  $(C_{T_i} \notin C_{R_j})$  then
8:        $T_i = \text{Thread}(C_{T_i}, V_m, (\text{unassigned})E_1 \dots E_N)$ 
9:     end if
10:  end for
11: end for
12: return  $R$ 

```

---

$C_{R_i}$  akan dibatalkan. Pembatalan pencarian solusi ini bertujuan untuk mencegah solusi/rute yang telah diterima oleh *subscriber* dikalkulasi ulang.

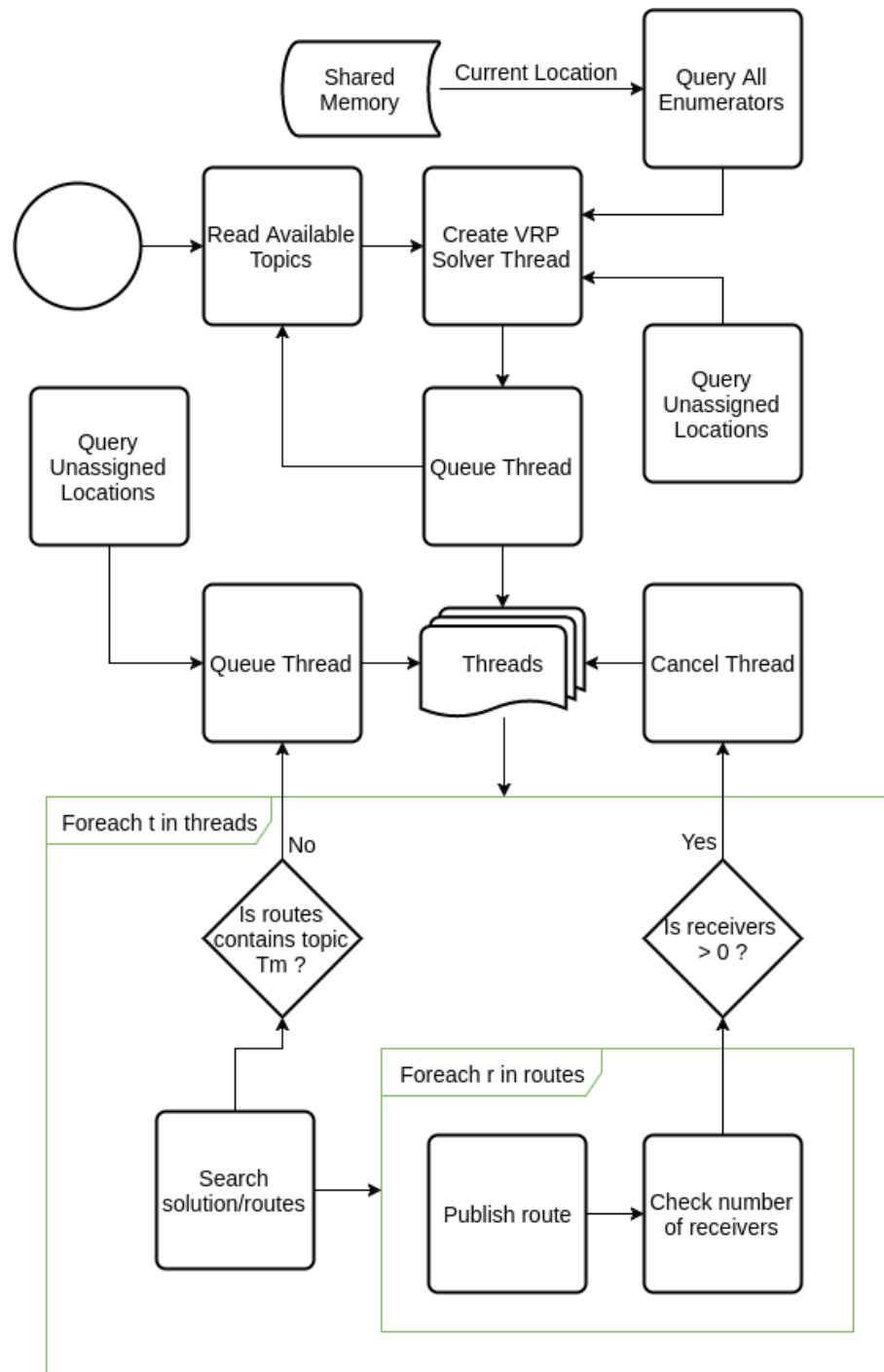
Terkadang, terdapat sebuah kondisi dimana *VRPSolver* yang tersemat ID  $C_i$  menghasilkan satu set rute yang tidak mengandung solusi/rute untuk topik  $C_i$ . Pada kondisi demikian, topik  $C_i$  akan diantrikan kembali dengan mengikutsertakan  $(\text{unassigned})N$  lokasi dan sebuah kendaraan saja (kendaraan yang mensubscribe topik  $C_i$ ). Dengan demikian, terdapat kepastian terdapat solusi/rute untuk topik  $C_i$ .

Sebagaimana telah disebutkan, keuntungan dari mekanisme *publish/subscribe* adalah karakteristik *loose coupling* yang membuatnya fleksibel. Akan tetapi, keunggulan ini juga menjadi salah satu kelemahan dari mekanisme ini. Ketidaktahuan *publisher* terhadap identitas *subscriber* menyebabkan *current location* dari setiap *subscriber* tidak dapat diketahui. Untuk itu, diperlukan sebuah mekanisme yang dapat digunakan untuk pertukaran informasi antara *publisher* dan *subscriber*. Pada penelitian ini akan digunakan *shared-memory* yang akan digunakan untuk menyimpan informasi *current location* dari seluruh *subscriber*, dan *publisher* dapat mengaksesnya untuk mengetahui *current location* dari setiap *subscriber*.

Arsitektur *publish/subscribe* merupakan sebuah arsitektur yang bersifat *loose coupling*, dimana antara *publisher* dan *subscriber* tidak saling mengetahui (Mhl, 2002). Salah satu konsekuensinya, ketika seorang pencacah melakukan *subscribe*, pada saat solusi diperoleh pencacah tersebut sudah terputus dari *broker*. Untuk itu diperlukan mekanisme *caching*, sehingga pada saat pencacah terkoneksi kembali dengan *broker*, maka solusi yang terdapat pada *cache* dapat langsung *publish*.

Proses di atas akan terus berulang sampai seluruh lokasi telah diassign kepada *subscriber*. Figure 4.4 mengilustrasikan *workflow* dari algoritma yang digunakan

pada *recommendation publisher*.



**Gambar 4.4:** Publisher Workflow

### 4.2.3 VRP Solver

VRP solver merupakan sebuah modul yang digunakan dalam pencarian solusi/rute yang akan dikunjungi oleh setiap kendaraan. Vrp solver dipanggil dari setiap

*thread* dalam *thread pool* (Algoritma 3). Terdapat beberapa algoritma yang dapat digunakan untuk menyelesaikan permasalahan MDVRP, seperti: tabu search Cordeau et al. (1997), adaptive large neighborhood search (Pisinger and Ropke, 2007), fuzzy logic guided genetic algorithm (Lau et al., 2010), paralel iterated tabu search (Cordeau and Maischberger, 2012), hybrid algorithm combining iterated local search and set partitioning (Subramanian et al., 2013), hybrid genetic algorithm with adaptive diversity control (Vidal et al., 2014), hybrid granular tabu search (Escobar et al., 2014), dan cooperative coevolution algorithms (CoEAs) (de Oliveira et al., 2016). Pada penelitian ini akan digunakan *coevolutionary algorithms* (CoEAs), karena algoritma CoEAs menghasilkan nilai *mean solution values* yang kompetitif dengan waktu pemrosesan yang relatif rendah dibandingkan algoritma yang lain.

Langkah-langkah yang digunakan pada implementasi algoritma CoEAs pada VRP solver adalah sebagai berikut:

### 1. Definisi masalah

Masalah yang didefinisikan pada algoritma CoEAs sama seperti permasalahan MDVRP umumnya. Data yang diikutsertakan meliputi kendaraan sejumlah  $M$  beserta masing-masing kapasitasnya  $D_i$  dan konsumen sejumlah  $N$  beserta masing-masing *demand*  $d_i$ . Setiap lokasi  $i, i \in (M \cup N)$  dilengkapi dengan koordinat  $(x_i, y_i)$ . Biaya untuk setiap kombinasi lokasi  $c_{ij}$  juga diikutsertakan dalam permasalahan yang didefinisikan, dimana  $i, j \in (M \cup N)$ . Terdapat dua macam cara yang dapat digunakan dalam menghitung biaya, yaitu: *euclidean*, dan *Google location API*. Pada metode *euclidean*, biaya dapat diasumsikan sebagai jarak antar lokasi, sementara pada metode *Google location API* dapat digunakan waktu tempuh sebagai biaya.

### 2. Dekomposisi masalah

Pada CoEAs, terdapat beberapa spesies yang akan saling bekerja sama untuk membentuk solusi/rute terbaik. Pada implementasinya, masalah yang didefinisikan diatas kemudian didekomposisi menjadi beberapa sub-masalah, dimana masing-masing sub-masalah akan merepresentasikan sebuah spesies.

### 3. Evolusi

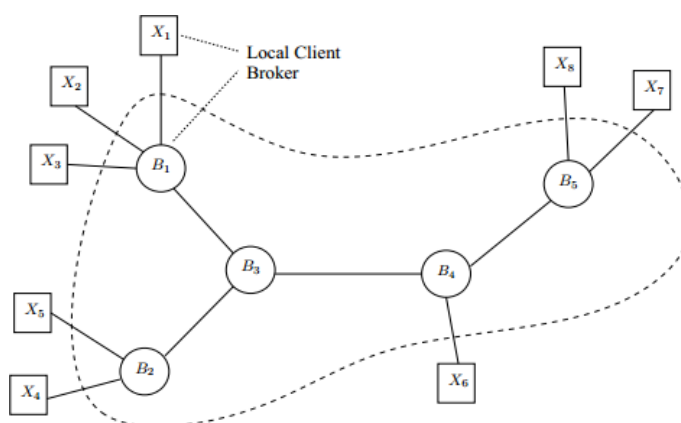
Setelah terbentuk beberapa spesies, masing-masing individu dalam spesies tersebut akan berevolusi. Evolusi terjadi secara iteratif dalam beberapa generasi. Setiap kali generasi baru terbentuk, maka generasi tersebut akan dievaluasi dengan membandingkannya dengan generasi terbaik yang pernah ada sebelumnya. Jika generasi baru lebih baik, maka generasi tersebut diterima dan



generasi terbaik akan diperbarui. Jumlah iterasi yang diperlukan dalam kasus ini akan dibatasi dengan batasan waktu. Iterasi akan berhenti setelah 60 detik, atau 40 detik tanpa perubahan generasi terbaik. Setelah iterasi terhenti, maka generasi terbaik akan menjadi solusi yang digunakan.

#### 4.2.4 Message Broker

*Message broker* adalah sebuah komponen yang bertanggung jawab dalam menyalurkan (*routing*) pesan dari *publisher* ke *subscriber* sesuai dengan topik yang *disubscribe* (Banavar et al., 1999). Suatu sistem *publish/subscribe* dapat memiliki *single broker* maupun *multi broker*. Pada arsitektur *single broker*, seluruh *subscriber* dan *publisher* terkoneksi pada satu *broker*, sementara pada *multi broker*, setiap *subscriber* maupun *publisher* dapat terkoneksi pada broker terdekat. Arsitektur *multi depot* ini juga disebut dengan *distributed pub/sub system* (Mhl, 2002), seperti ilustrasi pada Gambar 4.5. Adapun rancangan yang diusulkan akan menerapkan arsitektur terdistribusi, dikarenakan lokasi pencacahan secara geografis tersebar.



**Gambar 4.5:** Arsitektur *Publish-Subscribe* terdistribusi

## BAB 5

### IMPLEMENTASI DAN PENGUJIAN

#### 5.1 Implementasi

Algoritma yang disusun pada Bab 4.2 diimplementasikan dalam bahasa pemrograman. Hasil implementasi kemudian dikombinasikan dengan aplikasi dan *library* pihak ketiga untuk membentuk sebuah *prototype*.

##### 5.1.1 *Message Broker*

Pada *prototype* yang disusun, *message broker* diimplementasikan dengan menggunakan Redis. Redis merupakan *in-memory data structure store* yang dapat digunakan sebagai *database*, *cache*, dan *message broker* (redis, 2017a). Redis mempunyai *feature* Redis Cluster, sehingga dapat dengan mudah disusun menjadi *distributed system*. Selain itu, Redis Client tersedia dalam hampir semua bahasa pemrograman *mainstream*, sehingga *client* dari *prototype* ini dapat dengan mudah dibuat dalam berbagai versi (redis, 2017b).

##### 5.1.2 *VRP Solver*

VRPSolver yang dirancang dengan mengadopsi algoritma *Cooperative Evolution Algorithms* (CoEAs), diimplementasikan dalam bahasa pemrograman C++. Pemilihan bahasa C++ pada implementasi ini karena permasalahan kombinatorial pada TSP menggunakan resources (prosesor dan memory) yang intensive, sehingga penggunaan C++ dianggap lebih efisien dari bahasa pemrograman lainnya. Source code dari implementasi CoEAs yang digunakan dalam penelitian ini dapat diunduh di <https://github.com/soedomoto/coes-mdvrp/tree/jni-coes-mdvrp>. Adapun lingkungan pengembangan Algoritma CoES adalah sebagai berikut:

- Sistem Operasi : Elementary OS Loki (Berbasis Ubuntu 16.04)
- C++ Compiler : c++ (Ubuntu 5.4.0-6ubuntu1 16.04.4) 5.4.0 20160609
- Hardware : Asus TP300L, Quad-Core Intel Core i3-4030U CPU @ 1.90GHz, 3,7 GiB DDRIII, 256GB SSD

### 5.1.3 *Publisher*

Algoritma yang digunakan untuk publisher, yang meliputi Algoritma ?? dan Algoritma ??, diimplementasikan dalam bahasa Java. Source code dari implementasi Publisher dapat diunduh di <https://github.com/soedomoto/coes-mdvrp/tree/master>. Adapun lingkungan pengembangan Algoritma Publisher adalah sebagai berikut:

- Sistem Operasi : Elementary OS Loki (Berdasarkan Ubuntu 16.04)
- Java version : java version "1.8.0\_121"
- Hardware : Asus TP300L, Quad-Core Intel Core i3-4030U CPU @ 1.90GHz, 3,7 GiB DDR3, 256GB SSD

## 5.2 *Pengujian*

Pengujian program dilakukan untuk mengetahui tingkat tercapainya tujuan penelitian ini, yaitu bagaimana membuat rekomendasi lokasi pencacahan pada kondisi data *time windows* tidak tersedia, dan bagaimana menyusun mekanisme *conflict resolution*, agar sistem tidak merekomendasikan lokasi yang sama pada dua atau lebih pencacah. Ukuran yang akan digunakan dalam pengujian adalah *total cost*, *mean route cost*, dan *route cost mean square error*. Untuk mengukur keakuratan algoritma, maka hasil pengujian akan dibandingkan dengan algoritma MTSP tanpa mekanisme publish/subscribe.

### 5.2.1 *Lingkungan Pengujian*

Pengujian akan dilakukan pada *environment* dengan spesifikasi seperti berikut:

- Sistem Operasi : Elementary OS Loki (Berdasarkan Ubuntu 16.04)
- Redis Environment : Redis 3.2.6, Debian Jessie (Docker version)
- JRE version : Java(TM) SE Runtime Environment (build 1.8.0\_121-b13)
- Database : H2 Database 1.4.193 (Server mode)
- Hardware : Asus TP300L, Quad-Core Intel Core i3-4030U CPU @ 1.90GHz, 3,7 GiB DDR3, 256GB SSD

## 5.2.2 *Dataset dan Metric*

### 5.2.2.1 *Dataset*

Untuk memastikan program dapat bekerja dengan baik, maka program harus diuji-cobakan dengan berbagai variasi data. Dataset yang paling banyak digunakan dalam pengujian kasus terkait *Vehicle Routing Problem* adalah data Breedam, Cordeau, Solomon, Homberger, dan Russell. Dalam pengujian kali ini akan digunakan dataset Cordeau tipe 2 (Multi-Depot VRP). Dataset Cordeau sendiri tersedia dalam 7 (tujuh) tipe VRP *problem*, antara lain:

1. Tipe 0 untuk kasus VRP
2. Tipe 1 untuk kasus Periodic VRP
3. Tipe 2 untuk kasus Multi-Depot VRP
4. Tipe 3 untuk kasus Split Delivery VRP
5. Tipe 4 untuk kasus VRP dengan Time Windows
6. Tipe 5 untuk kasus Periodic VRP dengan Time Windows
7. Tipe 6 untuk kasus Multi-Depot VRP dengan Time Windows
8. Tipe 7 untuk kasus Split Delivery VRP dengan Time Windows

Adapun penjelasan format dari dataset Cordeau tipe 2 adalah sebagai berikut:

1. Baris pertama berformat **TYPE M N T**, dimana:  
 M = Jumlah *vehicle*  
 N = Jumlah *customer*  
 T = Jumlah *depot*
2. Baris kedua sampai T baris berikutnya berformat **D Q**, dimana:  
 D = Durasi maksimum dari setiap rute  
 Q = Kapasitas maksimum dari setiap *vehicle*
3. Baris selanjutnya sampai M baris berikutnya berformat **i x y d q f a list e l**, dimana:  
 i = nomer *customer*  
 x = koordinat x  
 y = koordinat y  
 d = durasi pelayanan (*service time*)

$q = demand$

$f = \text{frekuensi kunjungan}$

$a = \text{jumlah kombinasi kunjungan}$

$list = \text{list dari semua kombinasi kunjungan}$

$e = \text{jika ada, waktu dimulainya kunjungan}$

$l = \text{jika ada, waktu selesainya kunjungan}$

4. Baris selanjutnya sampai M baris berikutnya berformat  $i \ x \ y$ , dimana:

$i = \text{nomer vehicle}$

$x = \text{koordinat depot x}$

$y = \text{koordinat depot y}$

Selain menggunakan data Cordeau tipe 2, program juga diujicobakan dengan menggunakan data lapangan. Data lapangan yang digunakan meliputi 182 *customers* ( $N$ ) beserta koordinatnya, 15 *vehicle* ( $M$ ) beserta koordinat depot masing-masing *vehicle*. Dari seluruh *customer* dan *vehicle*, dihitung waktu tempuh dari seluruh kombinasi dengan memanfaatkan *Google Direction API*, sebagaimana langkah pada Poin. 4.1.1.3.

#### 5.2.2.2 *Metric*

Data yang akan digunakan, Cordeau type 2 dan data lapangan, akan diujicobakan dengan menggunakan program usulan, berbasis Pub/Sub dan CoES. Data kemudian diperbandingkan dengan program pembanding yang mengimplementasi algoritma CoES tanpa mekanisme Pub/Sub. Dari kedua program tersebut akan diperoleh output rute untuk masing-masing *vehicle* dengan ilustrasi sebagai berikut:

- *Vehicle A* = Loc1 - $\rightarrow$  Loc5 - $\rightarrow$  Loc15 - $\rightarrow$  Loc6
- *Vehicle B* = Loc 6 - $\rightarrow$  Loc2 - $\rightarrow$  Loc16 - $\rightarrow$  Loc3
- *Vehicle C* = Loc4 - $\rightarrow$  Loc8 - $\rightarrow$  Loc14 - $\rightarrow$  Loc 7
- *Vehicle D* = Loc9 - $\rightarrow$  Loc10 - $\rightarrow$  Loc11 - $\rightarrow$  Loc12

Masing-masing rute kemudian dihitung *total cost*-nya, yang merupakan penjumlahan dari seluruh *service time* pada masing-masing lokasi dan seluruh waktu tempuh dari masing-masing perpindahan. Metric yang akan dijadikan pembanding adalah *mean square error* (MSE) seluruh rute pada masing-masing program dan program pembanding. Program yang lebih baik akan menghasilkan MSE yang

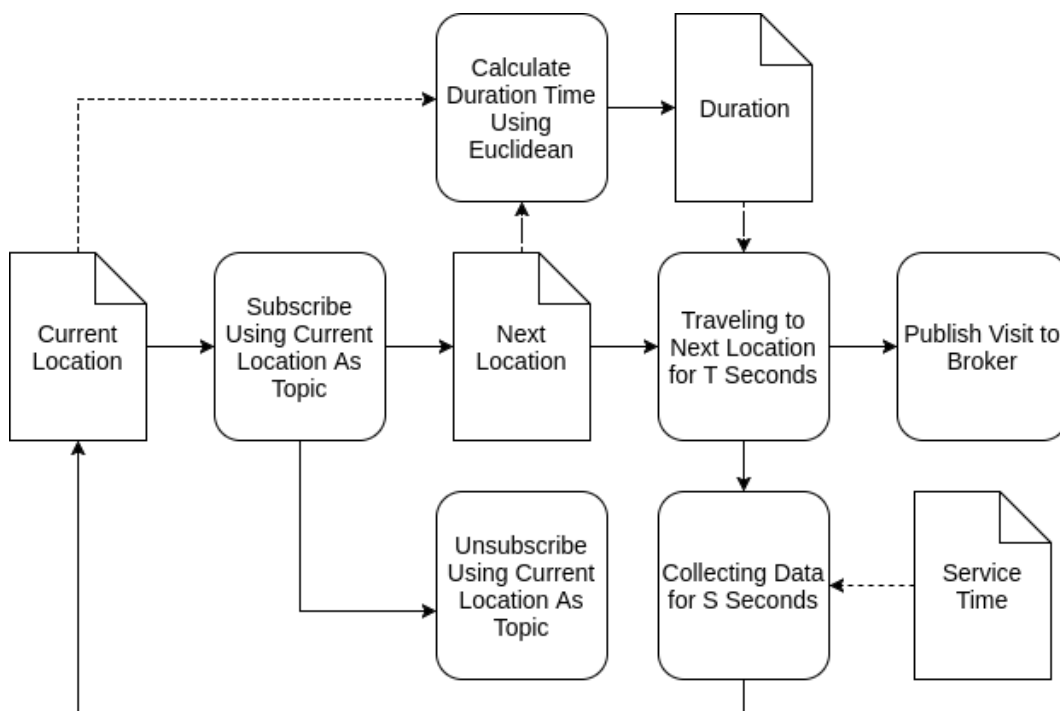
lebih kecil. MSE dipilih sebagai *metric* karena merepresentasikan kondisi sebenarnya dilapangan, dimana jika variasi waktu dari seluruh pencacah lebih kecil, maka penyelesaian pencacahan akan lebih merata.

### 5.2.3 Skenario dan Hasil Pengujian

Untuk memastikan program dapat bekerja dengan baik, selain menggunakan variasi data, juga akan digunakan berbagai skenario, yaitu:

#### 5.2.3.1 Pengujian Kondisi Normal

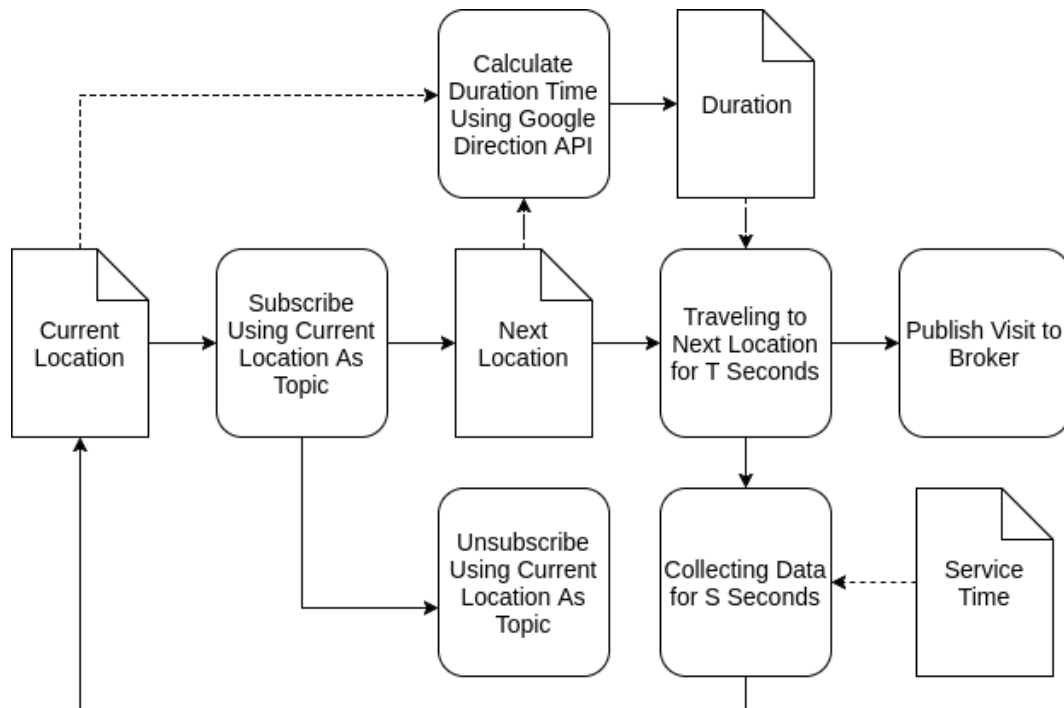
Skenario pengujian kondisi normal dimaksudkan untuk membandingkan program yang dijalankan pada kondisi normal. Pengujian akan dilakukan satu kali untuk masing-masing data set. Pada pengujian ini sebuah program *client* dibuat sebagai simulator.



**Gambar 5.1:** Flowchart pada *Client Simulator* Kondisi Normal (Cordeau)

Langkah-langkah yang diimplementasikan pada program *client*, sebagaimana ilustrasi Gambar 5.1 dan Gambar 5.2, adalah sebagai berikut:

1. Buat koneksi dengan *message broker*,
2. Lakukan *subscription* dengan topik *current location*,



**Gambar 5.2:** Flowchart pada Client Simulator Kondisi Normal (Lapangan)

3. Setelah sebuah *message* diterima, dimana *message* dari *broker* merupakan *next location*, kalkulasi waktu tempuh antara *current location* dengan *next location*,
4. Simulasikan perjalanan ke lokasi dengan *sleep*,
5. Buat notifikasi terhadap broker atas perubahan *current location*,
6. Generate *service time*, mengikuti distribusi normal,
7. Simulasikan pencacahan dengan *sleep*,
8. Ulangi lagi dari langkah pertama.

Setelah simulasi dilakukan dengan menggunakan dataset Cordeau, diperoleh rute final beserta total durasinya baik untuk algoritma CoES tanpa Pub/Sub maupun untuk algoritma CoES dengan mekanisme Pub/Sub, sebagaimana Tabel 5.1 dan 5.2. Sementara visualisasi rute terdapat pada Figure 5.3. Dari hasil pengujian diperoleh perbandingan, sebagaimana Tabel 5.3, bahwasannya **total waktu** yang diperoleh dengan menggunakan CoES lebih kecil, akan tetapi dari sisi **standar deviasi** dari keseluruhan rute diperoleh hasil metode CoES yang dikombinasikan dengan Pub/Sub menghasilkan angka yang lebih kecil, yang artinya total waktu dari seluruh rute lebih merata.

**Tabel 5.1:** Hasil Pengujian Kondisi Normal (Cordeau), CoES

<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
54	54-20-3-36-35-29-21	135578.58
51	51-42-44-15-37-4-18-17-14-25-13-41-40-19	293122.68
53	53-9-50-34-30-10-39-33-45-5-38-11-2-16-49	333166.34
52	52-46-12-47-48-24-43-23-7-26-8-31-28-22-1-32-6-27	403645.69

**Tabel 5.2:** Hasil Pengujian Kondisi Normal (Cordeau), Pub/Sub CoES

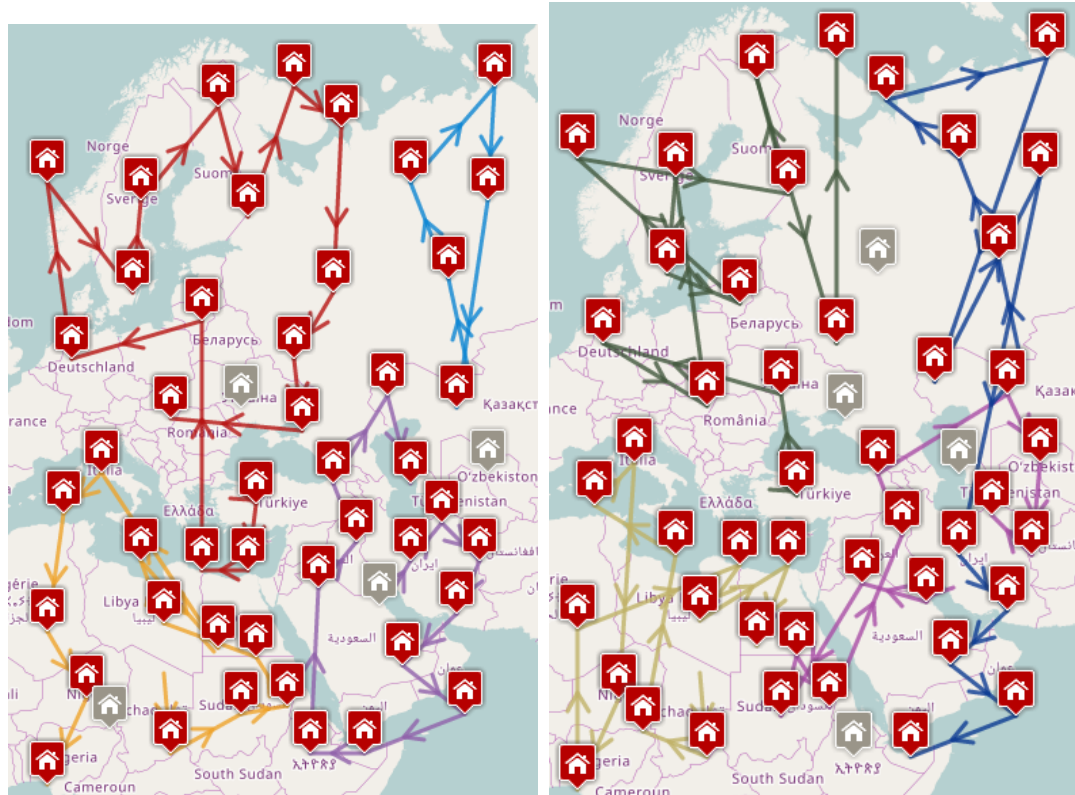
<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
51	51-42-19-18-25-14-41-40-13-47-4-12-17-16	295641.36
52	52-46-27-24-6-7-23-48-43-8-26-1-31-32	310764.56
53	53-49-5-44-37-15-38-11-29-21-34-50-22	277819.28
54	54-20-3-28-36-2-35-9-30-10-39-33-45	281481.64

**Tabel 5.3:** Perbandingan Kondisi Normal (Cordeau)

<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
Total Waktu	1165513.28	1165706.84
Rata-rata	291378.32	291426.71
Standar Deviasi	98268.51	12997.91

Sementara itu, pengujian dengan menggunakan data lapangan, rute yang diperoleh sebagaimana Tabel 5.4 untuk algoritma CoES, dan Tabel 5.5 untuk algoritma CoES dengan mekanisme Pub/Sub. Dari hasil pengujian, sebagaimana Tabel 5.6, menghasilkan kesimpulan yang tidak jauh berbeda dengan Tabel 5.3, dimana algoritma CoES menghasilkan **waktu total** yang lebih kecil dibandingkan algoritma CoES yang dikombinasikan dengan Pub/Sub, tetapi dari sisi **standar deviasi** lebih besar.





(a) CoES

(b) Pub/Sub CoES

**Gambar 5.3:** Perbandingan Rute Kondisi Normal (Cordeau)**Tabel 5.4:** Hasil Pengujian Kondisi Normal (Lapangan), CoES

Vehicle	Rute	Waktu Total
1302021005	1302021005-1302021005-1302020010- 1302020001-1302020009-1302020011- 1302021001	143455.33
1302090004	1302090004-1302090008-1302090002- 1302090007-1302090005-1302090001- 1302090015-1302090009-1302090014- 1302090003-1302090018-1302090016- 1302090017-1302090013-1302090012- 1302090006-1302090004-1302090019- 1302090020	429950.94
1302011008	1302011008-1302011008-1302011010- 1302011001-1302012005-1302011007- 1302011009-1302011004-1302011003- 1302011002-1302011006-1302011005	264181.29

<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
1302031005	1302031005-1302031001-1302031006- 1302031008-1302040011-1302031009- 1302031010-1302031007-1302030001- 1302031002-1302031005	246533.56
1302050007	1302050007-1302050007-1302050008- 1302050009-1302050010-1302050002- 1302050006	146835.04
1302100002	1302100002-1302100002-1302100009- 1302100008-1302100007-1302100006- 1302100001-1302100017-1302100016- 1302090011-1302090010-1302100004- 1302100015-1302100003-1302100013- 1302100012	377098.71
1302030005	1302030005-1302030005-1302030014- 1302030006-1302030009-1302030004- 1302030012-1302030003-1302031004- 1302031003-1302030002-1302030010	261871.21
1302012003	1302012003-1302012008-1302012003- 1302012001-1302012006-1302012002- 1302012010-1302012009-1302012004- 1302012007	218170.80
1302080006	1302080006-1302080006-1302080004- 1302080009-1302080003-1302080005- 1302080001-1302080008-1302080002- 1302080007	226083.58
1302070006	1302070006-1302070006-1302070002- 1302070011-1302070003-1302070012- 1302070005-1302070007-1302070008- 1302070009-1302070010-1302070004- 1302070001	299255.93
1302060005	1302060005-1302060005-1302060009- 1302060006-1302060008-1302060002- 1302060007-1302060001-1302060003- 1302060004	215375.02

<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
1302020006	1302020006-1302020006-1302020017- 1302020016-1302020015-1302021002- 1302021008-1302021003-1302021009- 1302021010-1302021004-1302021007- 1302021006-1302020005-1302020003	347975.49
1302110003	1302110003-1302110019-1302110018- 1302110012-1302110023-1302110006- 1302110021-1302110008-1302110007- 1302110022-1302110009-1302110020- 1302110005-1302110004-1302110010- 1302100005-1302110001-1302110013- 1302110002-1302110014-1302110015- 1302110017-1302110016-1302110011- 1302110003	600827.54
1302040002	1302040002-1302040004-1302040003- 1302040015-1302040001-1302040008- 1302040009-1302040010-1302040012- 1302040014-1302040013-1302040002- 1302040016-1302050003-1302050005- 1302050004-1302050001-1302040005- 1302040006-1302040007	445481.39
1302101005	1302101005-1302101005-1302100010- 1302101002-1302101003-1302101006- 1302101004-1302100011-1302100014- 1302101001	225893.85

**Tabel 5.5:** Hasil Pengujian Kondisi Normal (Lapangan), Pub/Sub CoES

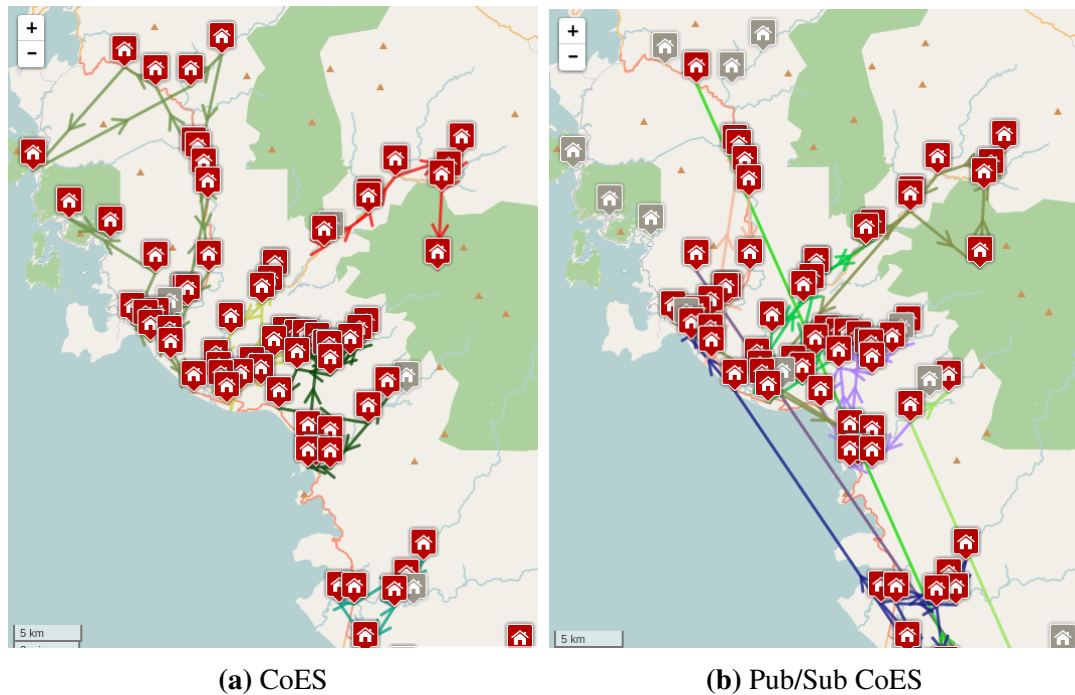
<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
1302011008	1302011008-1302011008-1302011010- 1302011001-1302012005-1302011007- 1302011009-1302011005-1302011004- 1302011006-1302011002-1302110008	288136.01

<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
1302040002	1302040002-1302040004-1302040002- 1302040003-1302040015-1302040001- 1302040008-1302040009-1302040010- 1302040016-1302040013-1302040012	260428.46
1302012003	1302012003-1302012008-1302012001- 1302012006-1302012002-1302012004- 1302012010-1302012009-1302020001- 1302011003-1302040014-1302110022	289894.14
1302060005	1302060005-1302060005-1302060009- 1302060006-1302060008-1302060002- 1302060007-1302060001-1302060004- 1302060003-1302040007-1302040005	263996.44
1302020006	1302020006-1302020006-1302020016- 1302020017-1302020015-1302021002- 1302021006-1302020005-1302020003- 1302021007-1302021003-1302021009	271963.26
1302080006	1302080006-1302080006-1302080009- 1302080005-1302080002-1302080008- 1302080007-1302080001-1302080003- 1302070008-1302070004-1302100005- 1302110014-1302110013-1302110009	357607.07
1302021005	1302021005-1302021005-1302021001- 1302012003-1302012007-1302020010- 1302020011-1302020009-1302021010- 1302021004-1302021008-1302110017- 1302110002	309232.92
1302100002	1302100002-1302100002-1302100003- 1302100009-1302100006-1302100008- 1302100013-1302101001-1302100012- 1302100004-1302100015-1302100016- 1302090010-1302090011-1302100001- 1302100017	382894.06

<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
1302101005	1302101005-1302101005-1302100010- 1302100014-1302100011-1302101004- 1302101006-1302101003-1302101002- 1302100007-1302090005-1302110015- 1302110011	301312.52
1302110003	1302110003-1302110019-1302110004- 1302110018-1302110001-1302110010- 1302110020-1302110006-1302110023- 1302110012-1302110005-1302110003- 1302110016	294736.00
1302090004	1302090004-1302090008-1302090001- 1302090015-1302090013-1302090012- 1302090006-1302090002-1302090007- 1302090009-1302090003-1302090018- 1302090016-1302090014-1302090017	334625.82
1302030005	1302030005-1302030005-1302030014- 1302030006-1302030009-1302030012- 1302030004-1302030010-1302031004- 1302030003-1302030002-1302031003- 1302110021-1302110007	330329.51
1302070006	1302070006-1302070006-1302070002- 1302070011-1302070005-1302080004- 1302070003-1302070012-1302070007- 1302070001-1302070009-1302070010	277740.88
1302050007	1302050007-1302050007-1302050006- 1302050004-1302050003-1302050005- 1302050009-1302050010-1302050002- 1302050008-1302050001-1302090004- 1302090020-1302090019	323349.34
1302031005	1302031005-1302031001-1302031006- 1302031008-1302040011-1302031009- 1302031010-1302031002-1302031007- 1302030001-1302031005-1302040006	273412.25

**Tabel 5.6:** Komparasi CoES dan Pub/Sub + CoES pada Data Lapangan

Ukuran	CoES	CoES + Pub/Sub
Total Waktu	4448989.67	4559658.67
Rata-rata	296599.31	303977.24
Standar Deviasi	119720.84	34472.12

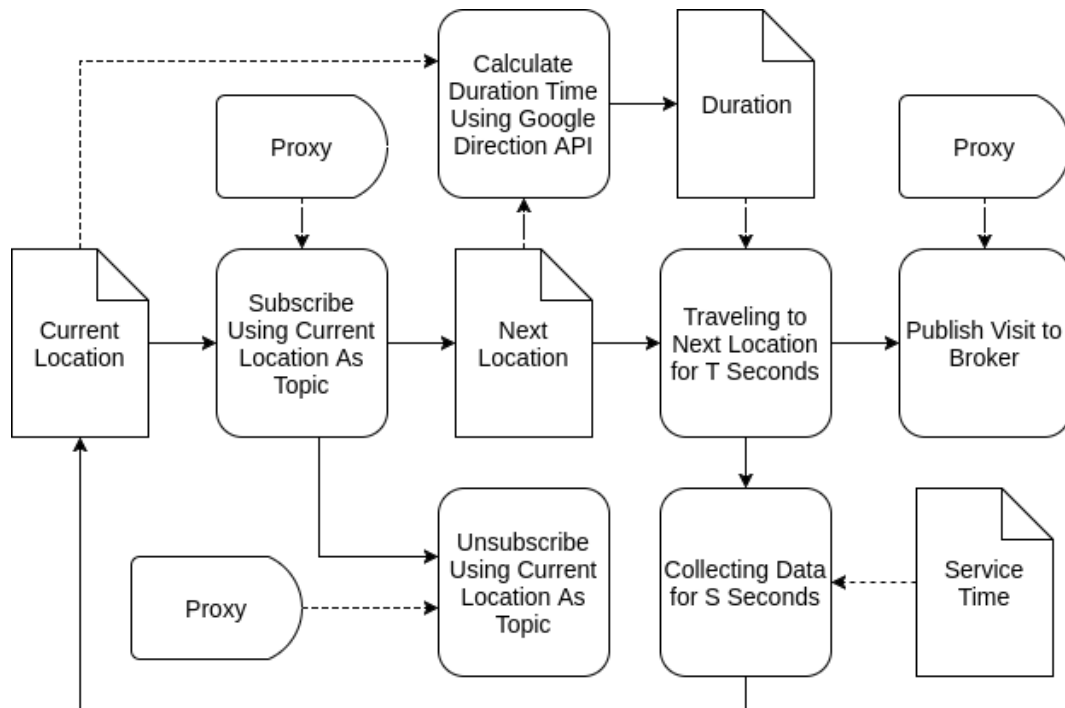
**Gambar 5.4:** Perbandingan Rute Kondisi Normal (Cordeau)

### 5.2.3.2 Pengujian Kondisi *Unstable Connection*

Skenario pengujian kondisi *unstable connection* dimaksudkan untuk membandingkan program yang dijalankan pada kondisi dimana terjadi *delay* secara random. Pengujian ini digunakan sebagai cerminan kondisi lapangan dimana pada beberapa lokasi tidak terdapat koneksi yang stabil. Pengujian akan dilakukan satu kali untuk data lapangan. Pada pengujian ini sebuah program *client* juga dirancang sebagai simulator.

Langkah-langkah yang diimplementasikan pada program *client*, sebagaimana ilustrasi Gambar 5.6, adalah sebagai berikut:

1. Buat sebuah *forward proxy server* yang mengimplementasikan *random delay*, dengan destinasi adalah IP dari *message broker*,



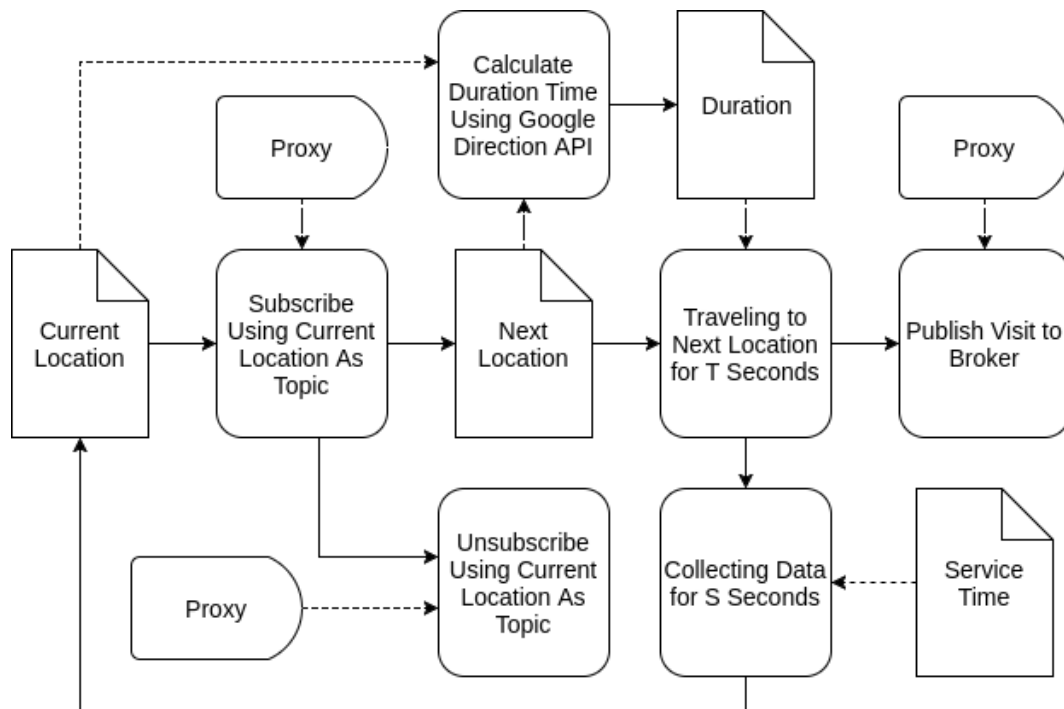
**Gambar 5.5:** Flowchart pada Client Simulator Kondisi Unstable Connection

2. Setiap komunikasi dengan *message broker* harus melalui *forward proxy server*,
3. Buat koneksi dengan *message broker*,
4. Lakukan *subscription* dengan topik *current location*,
5. Setelah sebuah *message* diterima, dimana *message* dari *broker* merupakan *next location*, kalkulasi waktu tempuh antara *current location* dengan *next location*,
6. Simulasikan perjalanan ke lokasi dengan *sleep*,
7. Buat notifikasi terhadap broker atas perubahan *current location*,
8. Generate *service time*, mengikuti distribusi normal,
9. Simulasikan pencacahan dengan *sleep*,
10. Ulangi lagi dari langkah pertama.

### 5.2.3.3 Pengujian Kondisi Pencacah Berhenti

Skenario pengujian kondisi normal dimaksudkan untuk membandingkan program yang dijalankan pada kondisi dimana satu atau lebih pencacah berhenti ditengah

jalan. Pengujian akan dilakukan satu kali untuk data lapangan. Pada pengujian ini sebuah program *client* dirancang sebagai simulator.



**Gambar 5.6:** Flowchart pada *Client Simulator* Kondisi Pencacah Berhenti

Langkah-langkah yang diimplementasikan pada program *client*, sebagaimana ilustrasi Gambar 5.7, adalah sebagai berikut:

1. Buat koneksi dengan *message broker*,
2. Lakukan *subscription* dengan topik *current location*,
3. Setelah sebuah *message* diterima, dimana *message* dari *broker* merupakan *next location*, kalkulasi waktu tempuh antara *current location* dengan *next location*,
4. Simulasikan perjalanan ke lokasi dengan *sleep*,
5. Buat notifikasi terhadap broker atas perubahan *current location*,
6. Generate *service time*, mengikuti distribusi normal,
7. Simulasikan pencacahan dengan *sleep*,
8. Hentikan beberapa proses,
9. Ulangi lagi dari langkah pertama.



Pada pengujian ini, disimulasikan bahwasannya pencacah 1302110003 berhenti setelah 150000 detik, 1302101005 setelah 360000 detik, 1302012003 setelah 180000 detik, dan 1302080006 setelah 300000 detik. Tabel 5.7 menunjukkan hasil simulasi dan waktu total untuk masing-masing pencacah. Ketika rute dari keempat pencacah tersebut dikeluarkan dari penghitungan standar deviasi, maka sebagaimana Tabel 5.8 diperoleh .

**Tabel 5.7:** Hasil Pengujian Kondisi Pencacah Berhenti

<i>Vehicle</i>	Rute	Waktu Total
1302011008	1302011008-1302011008-1302011010- 1302011001-1302012005-1302011007- 1302011009-1302011005-1302011006- 1302011002-1302011004-1302011003- 1302090007-1302090015-1302110002- 1302110013-1302110006	407401.10
1302040002	1302040002-1302040002-1302040016- 1302040004-1302040005-1302040006- 1302040015-1302040007-1302040003- 1302040009-1302040013-1302040008- 1302090013	306233.49
1302012003	1302012003-1302012008-1302012003- 1302012001-1302012006-1302012002- 1302012004-1302012010	169070.15
1302060005	1302060005-1302060005-1302060009- 1302060006-1302060008-1302060007- 1302060001-1302060004-1302050010- 1302050009-1302060003-1302012009- 1302100016-1302090010	345013.89
1302020006	1302020006-1302020006-1302020016- 1302020015-1302021002-1302021006- 1302020017-1302031005	171648.83
1302080006	1302080006-1302080006-1302080007- 1302080008-1302080002-1302080001- 1302080004-1302080009-1302070012- 1302070003-1302080003-1302080005	269836.91

<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
1302021005	1302021005-1302021005-1302021001- 1302020011-1302020009-1302020001- 1302020010-1302021003-1302021008- 1302021010-1302021007-1302021009- 1302021004-1302110012	335580.21
1302100002	1302100002-1302100002-1302100003- 1302100013-1302100009-1302100001- 1302100005-1302110023-1302110021- 1302110022-1302110008-1302110007- 1302110020-1302110018-1302110009- 1302110003-1302110010-1302110005	428783.15
1302101005	1302101005-1302101005-1302100010- 1302101002-1302100014-1302100011- 1302101003-1302101001-1302100006- 1302100004-1302100012-1302100007- 1302100017-1302101004	327886.72
1302110003	1302110003-1302110019-1302110004- 1302110001-1302110011-1302110017- 1302110016	147061.67
1302090004	1302090004-1302090008-1302090002- 1302090005-1302090004-1302090012- 1302090014-1302090020-1302090019- 1302090001-1302090017-1302090018- 1302090016-1302110014-1302101006- 1302090011	368625.31
1302030005	1302030005-1302030005-1302030014- 1302030006-1302030009-1302030004- 1302030012-1302030003-1302031004- 1302030010-1302030002-1302031003- 1302020005-1302020003-1302100015- 1302100008	382133.70
1302070006	1302070006-1302070006-1302070002- 1302070011-1302070005-1302070008- 1302070009-1302070010-1302070007- 1302070001-1302070004-1302060002- 1302110015	299606.48

<i>Vehicle</i>	<i>Rute</i>	<i>Waktu Total</i>
1302050007	1302050007-1302050007-1302050008- 1302050002-1302050006-1302050004- 1302050001-1302050003-1302050005- 1302040001-1302040012-1302012007- 1302090006-1302090009-1302090003	369932.48
1302031005	1302031005-1302031001-1302031006- 1302031008-1302040011-1302031009- 1302031010-1302040010-1302031007- 1302030001-1302031002-1302040014	278953.18

**Tabel 5.8:** Komparasi CoES dan Pub/Sub + CoES pada Data Lapangan

Ukuran	CoES	CoES + Pub/Sub
Total Waktu	4448989.67	3693911.82
Rata-rata	296599.31	335810.17
Standar Deviasi	119720.84	67828.78

## **BAB 6**

### **KESIMPULAN DAN SARAN**

**@todo**

Tambahkan kesimpulan dan saran terkait dengan pekerjaan yang dilakukan.

#### **6.1 Kesimpulan**

#### **6.2 Saran**

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# LAMPIRAN

## LAMPIRAN 1

**Tabel 1:** Lokasi Pencacahan

	Koordinat	
	Latitude	Longitude
1302011001	-2.3504	101.1434
1302011002	-2.4233	101.0285
1302011003	-2.3798	101.0427
1302011004	-2.3884	101.049
1302011005	-2.3936	101.0546
1302011006	-2.3985	101.0546
1302011007	-2.4171	101.101
1302011008	-2.3905	101.1214
1302011009	-2.3819	101.1005
1302011010	-2.3593	101.1404
1302012001	-2.2494	101.1331
1302012002	-2.2758	101.1432
1302012003	-2.199	101.1188
1302012004	-2.2655	101.1052
1302012005	-2.3155	101.1678
1302012006	-2.2666	101.14
1302012007	-2.219	101.1193
1302012008	-2.1971	101.1206
1302012009	-2.2717	101.0965
1302012010	-2.2883	101.0858
1302020001	-2.1806	101.0609
1302020003	-2.1623	101.0819
1302020005	-2.1569	101.0816
1302020006	-2.1225	101.0687
1302020009	-2.1692	101.0609
1302020010	-2.1797	101.0686
1302020011	-2.1648	101.0727
1302020015	-2.1549	101.0811

	Koordinat	
	Latitude	Longitude
1302020016	-2.139	101.0794
1302020017	-2.1022	101.0522
1302021001	-2.1844	101.092
1302021002	-2.1479	101.089
1302021003	-2.1454	101.0995
1302021004	-2.13	101.1843
1302021005	-2.1845	101.0959
1302021006	-2.1562	101.0844
1302021007	-2.1419	101.0936
1302021008	-2.1386	101.0936
1302021009	-2.1253	101.1184
1302021010	-2.1252	101.1244
1302030001	-2	101
1302030002	-2.0702	100.9105
1302030003	-2.0674	100.9152
1302030004	-2.0742	100.9401
1302030005	-2.0509	101.021
1302030006	-2.0517	100.9653
1302030009	-2.0639	100.9521
1302030010	-2.0971	100.9122
1302030012	-2.0689	100.9247
1302030014	-2.0444	100.9885
1302031001	-2.0419	100.9542
1302031002	-1.9875	100.9696
1302031003	-2.0247	100.8822
1302031004	-2.0453	100.9136
1302031005	-2.0018	100.9542
1302031006	-2.0263	100.9451
1302031007	-1.9871	100.9885
1302031008	-1.9924	100.915
1302031009	-1.9808	100.9341
1302031010	-1.9872	100.9383
1302040001	-1.9199	100.8821
1302040002	-1.8856	100.8658

	Koordinat	
	Latitude	Longitude
1302040003	-1.8778	100.8826
1302040004	-1.8805	100.8762
1302040005	-1.8445	100.8816
1302040006	-1.8478	100.8707
1302040007	-1.8702	100.8529
1302040008	-1.9579	100.8801
1302040009	-1.9318	100.8799
1302040010	-1.9334	100.8927
1302040011	-1.9617	100.9195
1302040012	-1.9165	100.9383
1302040013	-1.9235	100.8944
1302040014	-1.921	100.921
1302040015	-1.8986	100.9037
1302040016	-1.8898	100.8451
1302050001	-1.84413	100.84115
1302050002	-1.79495	100.83736
1302050003	-1.83965	100.81264
1302050004	-1.82058	100.8397
1302050005	-1.81249	100.79719
1302050006	-1.80491	100.86681
1302050007	-1.78067	100.842
1302050008	-1.78258	100.81757
1302050009	-1.78144	100.78438
1302050010	-1.76208	100.798
1302060001	-1.7302	100.7376
1302060002	-1.6709	100.7568
1302060003	-1.7425	100.7479
1302060004	-1.7161	100.7683
1302060005	-1.7016	100.7639
1302060006	-1.7086	100.7306
1302060007	-1.6942	100.7104
1302060008	-1.6532	100.7544
1302060009	-1.6732	100.79
1302070001	-1.6301	100.6598

	Koordinat	
	Latitude	Longitude
1302070002	-1.5663	100.6457
1302070003	-1.5478	100.6343
1302070004	-1.6138	100.7063
1302070005	-1.5816	100.6553
1302070006	-1.5707	100.6505
1302070007	-1.5708	100.6792
1302070008	-1.5661	100.6856
1302070009	-1.5181	100.6882
1302070010	-1.4783	100.7141
1302070011	-1.5654	100.6407
1302070012	-1.5301	100.6219
1302080001	-1.4422	100.6008
1302080002	-1.4336	100.6365
1302080003	-1.4951	100.6282
1302080004	-1.4763	100.609
1302080005	-1.4417	100.591
1302080006	-1.4448	100.6285
1302080007	-1.4431	100.6419
1302080008	-1.4129	100.6483
1302080009	-1.4932	100.635
1302090001	-1.3322	100.5698
1302090002	-1.3486	100.5752
1302090003	-1.2772	100.584
1302090004	-1.31897	100.6105
1302090005	-1.3351	100.5844
1302090006	-1.3089	100.5499
1302090007	-1.3492	100.5696
1302090008	-1.3501	100.5848
1302090009	-1.2697	100.5623
1302090010	-1.2672	100.5537
1302090011	-1.26964	100.5678
1302090012	-1.2822	100.5622
1302090013	-1.28608	100.5845
1302090014	-1.2764	100.581

	Koordinat	
	Latitude	Longitude
1302090015	-1.2717	100.5755
1302090016	-1.2721	100.5982
1302090017	-1.2664	100.6043
1302090018	-1.2616	100.6097
1302090019	-1.3015	100.6235
1302090020	-1.2984	100.6368
1302100001	-1.3054	100.51371
1302100002	-1.23265	100.54314
1302100003	-1.237388	100.537983
1302100004	-1.28778	100.53125
1302100005	-1.2977	100.49147
1302100006	-1.29728	100.50949
1302100007	-1.29145	100.50856
1302100008	-1.28337	100.50654
1302100009	-1.25761	100.51635
1302100010	-1.175763	100.610463
1302100011	-1.160535	100.661145
1302100012	-1.22142	100.54697
1302100013	-1.22142	100.54697
1302100014	-1.21365	100.658232
1302100015	-1.29294	100.53711
1302100016	-1.273358	100.545953
1302100017	-1.29637	100.52366
1302101001	-1.19533	100.58535
1302101002	-1.17243	100.61153
1302101003	-1.1503	100.62934
1302101004	-1.15408	100.66563
1302101005	-1.19831	100.58078
1302101006	-1.1347577	100.674752
1302110001	-1.2748	100.4753
1302110002	-1.2559	100.458
1302110003	-1.2475	100.4745
1302110004	-1.2384	100.4869
1302110005	-1.2156	100.5016

	Koordinat	
	Latitude	Longitude
1302110006	-1.1374	100.491
1302110007	-1.146	100.3814
1302110008	-1.0751	100.444
1302110009	-1.0664	100.5103
1302110010	-1.2671	100.4745
1302110011	-1.1919	100.4344
1302110012	-1.1655	100.5009
1302110013	-1.2544	100.4658
1302110014	-1.2623	100.4618
1302110015	-1.2513	100.4495
1302110016	-1.1792	100.4062
1302110017	-1.2161	100.4654
1302110018	-1.2387	100.4853
1302110019	-1.2387	100.4853
1302110020	-1.1408	100.4938
1302110021	-1.0883	100.4652
1302110022	-1.0886	100.489
1302110023	-1.1523	100.4978

## LAMPIRAN 2

**Tabel 2:** Pencacah

	Koordinat Depot	
	Latitude	Longitude
1302011008	-2.3905	101.1214
1302012003	-2.199	101.1188
1302020006	-2.1225	101.0687
1302021005	-2.1845	101.0959
1302030005	-2.0509	101.021
1302031005	-2.0018	100.9542
1302040002	-1.8856	100.8658
1302050007	-1.78067	100.842
1302060005	-1.7016	100.7639
1302070006	-1.5707	100.6505
1302080006	-1.4448	100.6285
1302090004	-1.31897	100.6105
1302100002	-1.23265	100.54314
1302101005	-1.19831	100.58078
1302110003	-1.2475	100.4745



### LAMPIRAN 3

**Tabel 3:** Matriks Jarak dan Waktu Tempuh

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021001	1302021003	11119	1055
1302021001	1302021002	9373	868
1302021001	1302021005	490	38
1302021001	1302021004	22760	2044
1302021001	1302021007	10228	950
1302021001	1302021006	8322	761
1302021001	1302021009	13634	1256
1302021001	1302021008	10720	1045
1302021001	1302110019	164502	15267
1302021001	1302110018	164502	15267
1302021001	1302100016	154841	15001
1302021001	1302110015	165317	15424
1302021001	1302110014	165350	15435
1302021001	1302110017	166862	15718
1302021001	1302090020	152864	14784
1302021001	1302110011	173310	16994
1302021001	1302110010	160346	14854
1302021001	1302110013	162906	15118
1302021001	1302110012	174056	16027
1302021001	1302012003	4104	323
1302021001	1302012002	14598	1281
1302021001	1302012001	11146	874
1302021001	1302012007	6065	471
1302021001	1302012006	13380	1133
1302021001	1302012005	21342	1769
1302021001	1302012004	16384	1553
1302021001	1302012009	18039	1826
1302021001	1302012008	4405	354
1302021001	1302110020	177081	16290
1302021001	1302110021	185436	16923

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021001	1302110022	183419	16815
1302021001	1302110023	175593	16139
1302021001	1302030009	33670	3262
1302021001	1302030003	38475	3747
1302021001	1302030002	39142	3839
1302021001	1302030001	46459	4846
1302021001	1302070012	110355	10562
1302021001	1302030006	31816	3035
1302021001	1302030005	24325	2349
1302021001	1302030004	35523	3438
1302021001	1302090008	141381	13171
1302021001	1302110016	185134	19362
1302021001	1302011002	45912	4574
1302021001	1302011003	42847	4141
1302021001	1302011001	26534	2175
1302021001	1302011006	40836	3964
1302021001	1302011007	37279	3468
1302021001	1302011004	41296	3956
1302021001	1302011005	40091	3794
1302021001	1302011008	32566	2887
1302021001	1302011009	35049	3189
1302021001	1302100007	154576	14485
1302021001	1302100006	153915	14420
1302021001	1302100005	156127	14505
1302021001	1302100004	151721	14443
1302021001	1302100003	161820	15435
1302021001	1302100001	153358	14275
1302021001	1302011010	27604	2258
1302021001	1302101005	168499	15906
1302021001	1302110004	164587	15262
1302021001	1302030014	28778	2722
1302021001	1302100010	173313	16573
1302021001	1302100011	181730	17610
1302021001	1302030010	42091	4225
1302021001	1302100012	163409	15358
1302021001	1302101001	169104	15981

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021001	1302101002	173742	16397
1302021001	1302070004	102532	9959
1302021001	1302031008	42879	4526
1302021001	1302030012	37379	3619
1302021001	1302101006	184913	17920
1302021001	1302031004	42311	4178
1302021001	1302031005	39103	3896
1302021001	1302031006	36847	3708
1302021001	1302031007	45966	4715
1302021001	1302031001	33985	3380
1302021001	1302031002	42839	4281
1302021001	1302031003	46237	4714
1302021001	1302020009	5217	388
1302021001	1302060001	82918	8084
1302021001	1302070001	97458	9416
1302021001	1302101004	182639	17546
1302021001	1302020003	7751	723
1302021001	1302020001	3817	282
1302021001	1302020006	12925	1277
1302021001	1302020005	8125	730
1302021001	1302090012	152093	14315
1302021001	1302090013	152433	14480
1302021001	1302090010	156024	14914
1302021001	1302090011	157576	15146
1302021001	1302090016	153950	14694
1302021001	1302090017	153950	14694
1302021001	1302090014	152765	14501
1302021001	1302090015	153430	14578
1302021001	1302090018	153950	14694
1302021001	1302090019	151246	14525
1302021001	1302080001	123861	11657
1302021001	1302080002	128941	12358
1302021001	1302080003	115299	10956
1302021001	1302080004	119160	11249
1302021001	1302080005	125015	11788
1302021001	1302080006	127963	12194

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021001	1302080007	129277	12377
1302021001	1302080008	131826	12811
1302021001	1302080009	115906	11149
1302021001	1302031010	41588	4161
1302021001	1302070009	114721	11664
1302021001	1302070008	108505	10673
1302021001	1302070007	107638	10541
1302021001	1302070006	105448	10298
1302021001	1302070005	104371	10162
1302021001	1302060009	90633	9379
1302021001	1302070003	107439	10315
1302021001	1302070002	105646	10299
1302021001	1302050010	78399	7882
1302021001	1302100017	153263	14330
1302021001	1302060006	86175	8543
1302021001	1302101003	177923	16790
1302021001	1302060008	94507	9384
1302021001	1302060007	88255	8590
1302021001	1302020011	6687	551
1302021001	1302020010	2897	212
1302021001	1302060004	84615	8419
1302021001	1302060005	86516	8700
1302021001	1302020015	8262	728
1302021001	1302060003	81116	7907
1302021001	1302020017	16084	1551
1302021001	1302020016	10354	1027
1302021001	1302090001	144078	13461
1302021001	1302090003	152497	14469
1302021001	1302090002	141091	13161
1302021001	1302090005	143475	13499
1302021001	1302090004	148255	14046
1302021001	1302090007	141471	13220
1302021001	1302090006	148131	13867
1302021001	1302090009	154973	14757
1302021001	1302060002	94791	9437
1302021001	1302070010	120450	12582

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021001	1302040008	52180	5114
1302021001	1302040009	52322	5209
1302021001	1302070011	105323	10144
1302021001	1302040004	57662	6010
1302021001	1302040005	64078	6688
1302021001	1302040006	62655	6506
1302021001	1302040007	58974	6007
1302021001	1302100013	163409	15358
1302021001	1302040001	51993	5214
1302021001	1302040002	56386	5755
1302021001	1302040003	58481	6142
1302021001	1302021010	14349	1322
1302021001	1302050009	75019	7431
1302021001	1302050008	72509	7397
1302021001	1302100009	158724	14929
1302021001	1302100008	155647	14601
1302021001	1302050005	69478	7012
1302021001	1302050004	64789	6565
1302021001	1302050007	70297	7285
1302021001	1302050006	68547	7055
1302021001	1302050001	62377	6309
1302021001	1302100002	162600	15277
1302021001	1302050003	65613	6570
1302021001	1302050002	69757	7144
1302021001	1302110008	188509	17170
1302021001	1302110009	187682	17285
1302021001	1302110006	177484	16299
1302021001	1302110007	206195	20723
1302021001	1302100014	183350	17664
1302021001	1302110005	167700	15513
1302021001	1302110002	163791	15225
1302021001	1302110003	162881	15111
1302021001	1302110001	159352	14768
1302021001	1302031009	42406	4259
1302021001	1302040013	51548	5179
1302021001	1302040012	54170	5567

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021001	1302040011	45452	4488
1302021001	1302040010	50328	4977
1302021001	1302040016	58378	5890
1302021001	1302040015	56854	6045
1302021001	1302040014	52527	5304
1302021001	1302100015	150603	14266
1302021001	1302012010	21034	2254
1302021003	1302021002	1746	186
1302021003	1302021005	11610	1068
1302021003	1302021004	13139	1166
1302021003	1302021007	891	104
1302021003	1302021006	2797	294
1302021003	1302021009	4013	378
1302021003	1302021008	1279	193
1302021003	1302110019	159436	14964
1302021003	1302110018	159436	14964
1302021003	1302100016	149776	14688
1302021003	1302110015	160251	15121
1302021003	1302110014	160285	15131
1302021003	1302110017	161796	15415
1302021003	1302090020	147799	14480
1302021003	1302110011	168245	16690
1302021003	1302110010	155280	14551
1302021003	1302110013	157840	14815
1302021003	1302110012	168990	15723
1302021003	1302012003	15224	1353
1302021003	1302012002	25717	2311
1302021003	1302012001	22265	1904
1302021003	1302012007	17184	1501
1302021003	1302012006	24499	2163
1302021003	1302012005	32461	2799
1302021003	1302012004	27503	2583
1302021003	1302012009	29159	2856
1302021003	1302012008	15524	1384
1302021003	1302110020	172015	15987
1302021003	1302110021	180370	16619

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021003	1302110022	178353	16512
1302021003	1302110023	170527	15836
1302021003	1302030009	28604	2959
1302021003	1302030003	33409	3443
1302021003	1302030002	34076	3536
1302021003	1302030001	41394	4543
1302021003	1302070012	105290	10258
1302021003	1302030006	26750	2732
1302021003	1302030005	19260	2046
1302021003	1302030004	30457	3134
1302021003	1302090008	136315	12867
1302021003	1302110016	180068	19058
1302021003	1302011002	57031	5604
1302021003	1302011003	53966	5171
1302021003	1302011001	37653	3205
1302021003	1302011006	51955	4994
1302021003	1302011007	48399	4498
1302021003	1302011004	52416	4986
1302021003	1302011005	51210	4824
1302021003	1302011008	43685	3917
1302021003	1302011009	46168	4219
1302021003	1302100007	149510	14182
1302021003	1302100006	148849	14117
1302021003	1302100005	151062	14202
1302021003	1302100004	146655	14140
1302021003	1302100003	156754	15122
1302021003	1302100001	148293	13972
1302021003	1302011010	38724	3288
1302021003	1302101005	163433	15603
1302021003	1302110004	159521	14958
1302021003	1302030014	23712	2419
1302021003	1302100010	168248	16260
1302021003	1302100011	176664	17297
1302021003	1302030010	37025	3921
1302021003	1302100012	158344	15055
1302021003	1302101001	164038	15678

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021003	1302101002	168677	16094
1302021003	1302070004	97466	9656
1302021003	1302031008	37813	4222
1302021003	1302030012	32313	3316
1302021003	1302101006	179848	17617
1302021003	1302031004	37245	3875
1302021003	1302031005	34037	3593
1302021003	1302031006	31782	3404
1302021003	1302031007	40901	4412
1302021003	1302031001	28919	3077
1302021003	1302031002	37774	3978
1302021003	1302031003	41171	4411
1302021003	1302020009	5902	644
1302021003	1302060001	77852	7781
1302021003	1302070001	92392	9113
1302021003	1302101004	177573	17243
1302021003	1302020003	3808	473
1302021003	1302020001	7302	749
1302021003	1302020006	7859	974
1302021003	1302020005	3084	355
1302021003	1302090012	147027	14011
1302021003	1302090013	147367	14177
1302021003	1302090010	150959	14611
1302021003	1302090011	152510	14843
1302021003	1302090016	148884	14391
1302021003	1302090017	148884	14391
1302021003	1302090014	147699	14197
1302021003	1302090015	148365	14274
1302021003	1302090018	148884	14391
1302021003	1302090019	146180	14221
1302021003	1302080001	118795	11354
1302021003	1302080002	123875	12055
1302021003	1302080003	110233	10653
1302021003	1302080004	114094	10946
1302021003	1302080005	119949	11484
1302021003	1302080006	122897	11891



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021003	1302080007	124211	12073
1302021003	1302080008	126760	12508
1302021003	1302080009	110840	10845
1302021003	1302031010	36522	3857
1302021003	1302070009	109655	11361
1302021003	1302070008	103439	10369
1302021003	1302070007	102573	10237
1302021003	1302070006	100382	9994
1302021003	1302070005	99305	9858
1302021003	1302060009	85568	9075
1302021003	1302070003	102374	10012
1302021003	1302070002	100580	9995
1302021003	1302050010	73333	7578
1302021003	1302100017	148198	14026
1302021003	1302060006	81109	8239
1302021003	1302101003	172857	16487
1302021003	1302060008	89442	9081
1302021003	1302060007	83189	8287
1302021003	1302020011	4432	526
1302021003	1302020010	8222	818
1302021003	1302060004	79549	8116
1302021003	1302060005	81450	8397
1302021003	1302020015	3197	424
1302021003	1302060003	76051	7603
1302021003	1302020017	11018	1248
1302021003	1302020016	5288	724
1302021003	1302090001	139012	13158
1302021003	1302090003	147431	14166
1302021003	1302090002	136026	12858
1302021003	1302090005	138409	13196
1302021003	1302090004	143190	13743
1302021003	1302090007	136406	12917
1302021003	1302090006	143065	13563
1302021003	1302090009	149907	14454
1302021003	1302060002	89726	9134
1302021003	1302070010	115384	12278

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021003	1302040008	47114	4811
1302021003	1302040009	47256	4905
1302021003	1302070011	100258	9841
1302021003	1302040004	52596	5706
1302021003	1302040005	59012	6384
1302021003	1302040006	57589	6203
1302021003	1302040007	53909	5703
1302021003	1302100013	158344	15055
1302021003	1302040001	46928	4910
1302021003	1302040002	51321	5451
1302021003	1302040003	53415	5839
1302021003	1302021010	4727	444
1302021003	1302050009	69954	7128
1302021003	1302050008	67443	7093
1302021003	1302100009	153658	14625
1302021003	1302100008	150581	14297
1302021003	1302050005	64412	6709
1302021003	1302050004	59723	6262
1302021003	1302050007	65232	6981
1302021003	1302050006	63482	6751
1302021003	1302050001	57311	6006
1302021003	1302100002	157534	14974
1302021003	1302050003	60547	6267
1302021003	1302050002	64691	6841
1302021003	1302110008	183443	16867
1302021003	1302110009	182617	16982
1302021003	1302110006	172419	15996
1302021003	1302110007	201129	20419
1302021003	1302100014	178284	17361
1302021003	1302110005	162634	15210
1302021003	1302110002	158725	14921
1302021003	1302110003	157815	14807
1302021003	1302110001	154286	14465
1302021003	1302031009	37340	3955
1302021003	1302040013	46483	4876
1302021003	1302040012	49104	5264

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021003	1302040011	40386	4185
1302021003	1302040010	45262	4673
1302021003	1302040016	53312	5586
1302021003	1302040015	51789	5742
1302021003	1302040014	47461	5001
1302021003	1302100015	145538	13962
1302021003	1302012010	32154	3284
1302021002	1302021005	9863	882
1302021002	1302021004	13387	1176
1302021002	1302021007	856	82
1302021002	1302021006	1051	107
1302021002	1302021009	4261	388
1302021002	1302021008	1347	176
1302021002	1302110019	157690	14777
1302021002	1302110018	157690	14777
1302021002	1302100016	148029	14495
1302021002	1302110015	158505	14934
1302021002	1302110014	158539	14945
1302021002	1302110017	160050	15229
1302021002	1302090020	146053	14294
1302021002	1302110011	166498	16504
1302021002	1302110010	153534	14365
1302021002	1302110013	156094	14629
1302021002	1302110012	167244	15537
1302021002	1302012003	13477	1167
1302021002	1302012002	23971	2125
1302021002	1302012001	20518	1718
1302021002	1302012007	15437	1315
1302021002	1302012006	22753	1977
1302021002	1302012005	30715	2613
1302021002	1302012004	25757	2397
1302021002	1302012009	27412	2669
1302021002	1302012008	13778	1197
1302021002	1302110020	170269	15800
1302021002	1302110021	178624	16433
1302021002	1302110022	176607	16325

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021002	1302110023	168781	15650
1302021002	1302030009	26858	2773
1302021002	1302030003	31663	3257
1302021002	1302030002	32330	3350
1302021002	1302030001	39647	4357
1302021002	1302070012	103543	10072
1302021002	1302030006	25004	2545
1302021002	1302030005	17514	1859
1302021002	1302030004	28711	2948
1302021002	1302090008	134569	12681
1302021002	1302110016	178322	18872
1302021002	1302011002	55284	5417
1302021002	1302011003	52220	4985
1302021002	1302011001	35907	3019
1302021002	1302011006	50209	4808
1302021002	1302011007	46652	4312
1302021002	1302011004	50669	4800
1302021002	1302011005	49464	4638
1302021002	1302011008	41939	3731
1302021002	1302011009	44422	4033
1302021002	1302100007	147764	13996
1302021002	1302100006	147103	13931
1302021002	1302100005	149315	14016
1302021002	1302100004	144909	13953
1302021002	1302100003	155008	14929
1302021002	1302100001	146546	13785
1302021002	1302011010	36977	3102
1302021002	1302101005	161687	15417
1302021002	1302110004	157775	14772
1302021002	1302030014	21966	2233
1302021002	1302100010	166501	16067
1302021002	1302100011	174918	17104
1302021002	1302030010	35279	3735
1302021002	1302100012	156597	14869
1302021002	1302101001	162292	15492
1302021002	1302101002	166930	15908

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021002	1302070004	95720	9470
1302021002	1302031008	36067	4036
1302021002	1302030012	30567	3130
1302021002	1302101006	178101	17431
1302021002	1302031004	35499	3689
1302021002	1302031005	32291	3407
1302021002	1302031006	30035	3218
1302021002	1302031007	39154	4226
1302021002	1302031001	27173	2891
1302021002	1302031002	36027	3792
1302021002	1302031003	39425	4225
1302021002	1302020009	4156	458
1302021002	1302060001	76106	7595
1302021002	1302070001	90646	8927
1302021002	1302101004	175827	17057
1302021002	1302020003	2062	287
1302021002	1302020001	5556	563
1302021002	1302020006	6113	788
1302021002	1302020005	1338	168
1302021002	1302090012	145281	13825
1302021002	1302090013	145621	13991
1302021002	1302090010	149212	14425
1302021002	1302090011	150764	14657
1302021002	1302090016	147138	14204
1302021002	1302090017	147138	14204
1302021002	1302090014	145953	14011
1302021002	1302090015	146618	14088
1302021002	1302090018	147138	14204
1302021002	1302090019	144434	14035
1302021002	1302080001	117049	11168
1302021002	1302080002	122129	11869
1302021002	1302080003	108487	10467
1302021002	1302080004	112348	10759
1302021002	1302080005	118203	11298
1302021002	1302080006	121151	11705
1302021002	1302080007	122465	11887

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021002	1302080008	125014	12322
1302021002	1302080009	109094	10659
1302021002	1302031010	34776	3671
1302021002	1302070009	107909	11174
1302021002	1302070008	101693	10183
1302021002	1302070007	100826	10051
1302021002	1302070006	98636	9808
1302021002	1302070005	97559	9672
1302021002	1302060009	83821	8889
1302021002	1302070003	100627	9826
1302021002	1302070002	98834	9809
1302021002	1302050010	71587	7392
1302021002	1302100017	146451	13840
1302021002	1302060006	79363	8053
1302021002	1302101003	171111	16300
1302021002	1302060008	87695	8895
1302021002	1302060007	81443	8100
1302021002	1302020011	2686	340
1302021002	1302020010	6476	632
1302021002	1302060004	77803	7930
1302021002	1302060005	79704	8211
1302021002	1302020015	1450	238
1302021002	1302060003	74305	7417
1302021002	1302020017	9272	1061
1302021002	1302020016	3542	538
1302021002	1302090001	137266	12972
1302021002	1302090003	145685	13980
1302021002	1302090002	134279	12671
1302021002	1302090005	136663	13010
1302021002	1302090004	141443	13557
1302021002	1302090007	134659	12730
1302021002	1302090006	141319	13377
1302021002	1302090009	148161	14267
1302021002	1302060002	87979	8948
1302021002	1302070010	113638	12092
1302021002	1302040008	45368	4625

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021002	1302040009	45510	4719
1302021002	1302070011	98511	9655
1302021002	1302040004	50850	5520
1302021002	1302040005	57266	6198
1302021002	1302040006	55843	6016
1302021002	1302040007	52162	5517
1302021002	1302100013	156597	14869
1302021002	1302040001	45181	4724
1302021002	1302040002	49574	5265
1302021002	1302040003	51669	5653
1302021002	1302021010	4976	454
1302021002	1302050009	68207	6942
1302021002	1302050008	65697	6907
1302021002	1302100009	151912	14439
1302021002	1302100008	148835	14111
1302021002	1302050005	62666	6523
1302021002	1302050004	57977	6076
1302021002	1302050007	63485	6795
1302021002	1302050006	61735	6565
1302021002	1302050001	55565	5820
1302021002	1302100002	155788	14788
1302021002	1302050003	58801	6081
1302021002	1302050002	62945	6655
1302021002	1302110008	181697	16681
1302021002	1302110009	180870	16796
1302021002	1302110006	170672	15810
1302021002	1302110007	199383	20233
1302021002	1302100014	176538	17175
1302021002	1302110005	160888	15024
1302021002	1302110002	156979	14735
1302021002	1302110003	156069	14621
1302021002	1302110001	152540	14279
1302021002	1302031009	35594	3769
1302021002	1302040013	44736	4690
1302021002	1302040012	47358	5078
1302021002	1302040011	38640	3998

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021002	1302040010	43516	4487
1302021002	1302040016	51566	5400
1302021002	1302040015	50042	5556
1302021002	1302040014	45715	4815
1302021002	1302100015	143791	13776
1302021002	1302012010	30407	3098
1302021005	1302021004	23251	2082
1302021005	1302021007	10719	988
1302021005	1302021006	8812	799
1302021005	1302021009	14125	1294
1302021005	1302021008	11210	1082
1302021005	1302110019	164992	15305
1302021005	1302110018	164992	15305
1302021005	1302100016	155332	15039
1302021005	1302110015	165807	15462
1302021005	1302110014	165841	15472
1302021005	1302110017	167352	15756
1302021005	1302090020	153355	14821
1302021005	1302110011	173801	17032
1302021005	1302110010	160836	14892
1302021005	1302110013	163396	15156
1302021005	1302110012	174546	16064
1302021005	1302012003	3614	286
1302021005	1302012002	14107	1243
1302021005	1302012001	10655	836
1302021005	1302012007	5574	433
1302021005	1302012006	12890	1095
1302021005	1302012005	20852	1732
1302021005	1302012004	15894	1515
1302021005	1302012009	17549	1788
1302021005	1302012008	3915	316
1302021005	1302110020	177571	16328
1302021005	1302110021	185926	16961
1302021005	1302110022	183909	16853
1302021005	1302110023	176083	16177
1302021005	1302030009	34160	3300



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021005	1302030003	38965	3785
1302021005	1302030002	39632	3877
1302021005	1302030001	46950	4884
1302021005	1302070012	110846	10600
1302021005	1302030006	32306	3073
1302021005	1302030005	24816	2387
1302021005	1302030004	36013	3475
1302021005	1302090008	141871	13208
1302021005	1302110016	185625	19399
1302021005	1302011002	45421	4536
1302021005	1302011003	42357	4103
1302021005	1302011001	26044	2137
1302021005	1302011006	40345	3926
1302021005	1302011007	36789	3430
1302021005	1302011004	40806	3918
1302021005	1302011005	39600	3756
1302021005	1302011008	32076	2849
1302021005	1302011009	34558	3151
1302021005	1302100007	155066	14523
1302021005	1302100006	154405	14458
1302021005	1302100005	156618	14543
1302021005	1302100004	152211	14481
1302021005	1302100003	162311	15473
1302021005	1302100001	153849	14313
1302021005	1302011010	27114	2220
1302021005	1302101005	168989	15944
1302021005	1302110004	165077	15300
1302021005	1302030014	29268	2760
1302021005	1302100010	173804	16611
1302021005	1302100011	182220	17648
1302021005	1302030010	42582	4262
1302021005	1302100012	163900	15396
1302021005	1302101001	169594	16019
1302021005	1302101002	174233	16435
1302021005	1302070004	103022	9997
1302021005	1302031008	43369	4564

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021005	1302030012	37869	3657
1302021005	1302101006	185404	17958
1302021005	1302031004	42801	4216
1302021005	1302031005	39593	3934
1302021005	1302031006	37338	3746
1302021005	1302031007	46457	4753
1302021005	1302031001	34475	3418
1302021005	1302031002	43330	4319
1302021005	1302031003	46727	4752
1302021005	1302020009	5708	426
1302021005	1302060001	83408	8122
1302021005	1302070001	97948	9454
1302021005	1302101004	183130	17584
1302021005	1302020003	8242	760
1302021005	1302020001	4308	320
1302021005	1302020006	13416	1315
1302021005	1302020005	8616	768
1302021005	1302090012	152583	14353
1302021005	1302090013	152923	14518
1302021005	1302090010	156515	14952
1302021005	1302090011	158066	15184
1302021005	1302090016	154440	14732
1302021005	1302090017	154440	14732
1302021005	1302090014	153256	14538
1302021005	1302090015	153921	14616
1302021005	1302090018	154440	14732
1302021005	1302090019	151736	14562
1302021005	1302080001	124351	11695
1302021005	1302080002	129431	12396
1302021005	1302080003	115789	10994
1302021005	1302080004	119650	11287
1302021005	1302080005	125505	11825
1302021005	1302080006	128453	12232
1302021005	1302080007	129767	12415
1302021005	1302080008	132317	12849
1302021005	1302080009	116396	11186

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021005	1302031010	42078	4199
1302021005	1302070009	115211	11702
1302021005	1302070008	108995	10710
1302021005	1302070007	108129	10579
1302021005	1302070006	105938	10336
1302021005	1302070005	104861	10200
1302021005	1302060009	91124	9416
1302021005	1302070003	107930	10353
1302021005	1302070002	106136	10336
1302021005	1302050010	78889	7920
1302021005	1302100017	153754	14367
1302021005	1302060006	86665	8580
1302021005	1302101003	178413	16828
1302021005	1302060008	94998	9422
1302021005	1302060007	88745	8628
1302021005	1302020011	7178	588
1302021005	1302020010	3388	250
1302021005	1302060004	85105	8457
1302021005	1302060005	87006	8738
1302021005	1302020015	8753	765
1302021005	1302060003	81607	7944
1302021005	1302020017	16574	1589
1302021005	1302020016	10844	1065
1302021005	1302090001	144569	13499
1302021005	1302090003	152987	14507
1302021005	1302090002	141582	13199
1302021005	1302090005	143965	13537
1302021005	1302090004	148746	14084
1302021005	1302090007	141962	13258
1302021005	1302090006	148621	13905
1302021005	1302090009	155463	14795
1302021005	1302060002	95282	9475
1302021005	1302070010	120941	12619
1302021005	1302040008	52670	5152
1302021005	1302040009	52812	5246
1302021005	1302070011	105814	10182

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021005	1302040004	58152	6048
1302021005	1302040005	64568	6725
1302021005	1302040006	63145	6544
1302021005	1302040007	59465	6045
1302021005	1302100013	163900	15396
1302021005	1302040001	52484	5251
1302021005	1302040002	56877	5793
1302021005	1302040003	58971	6180
1302021005	1302021010	14839	1360
1302021005	1302050009	75510	7469
1302021005	1302050008	72999	7435
1302021005	1302100009	159214	14966
1302021005	1302100008	156137	14639
1302021005	1302050005	69968	7050
1302021005	1302050004	65279	6603
1302021005	1302050007	70788	7322
1302021005	1302050006	69038	7092
1302021005	1302050001	62868	6347
1302021005	1302100002	163091	15315
1302021005	1302050003	66103	6608
1302021005	1302050002	70247	7182
1302021005	1302110008	188999	17208
1302021005	1302110009	188173	17323
1302021005	1302110006	177975	16337
1302021005	1302110007	206686	20761
1302021005	1302100014	183840	17702
1302021005	1302110005	168190	15551
1302021005	1302110002	164281	15263
1302021005	1302110003	163371	15148
1302021005	1302110001	159842	14806
1302021005	1302031009	42896	4297
1302021005	1302040013	52039	5217
1302021005	1302040012	54660	5605
1302021005	1302040011	45942	4526
1302021005	1302040010	50818	5014
1302021005	1302040016	58869	5927

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021005	1302040015	57345	6083
1302021005	1302040014	53017	5342
1302021005	1302100015	151094	14303
1302021005	1302012010	20544	2216
1302021004	1302021007	12532	1094
1302021004	1302021006	14438	1284
1302021004	1302021009	9126	788
1302021004	1302021008	12920	1183
1302021004	1302110019	171077	15954
1302021004	1302110018	171077	15954
1302021004	1302100016	161416	15709
1302021004	1302110015	171892	16111
1302021004	1302110014	171926	16121
1302021004	1302110017	173437	16405
1302021004	1302090020	159440	15470
1302021004	1302110011	179886	17680
1302021004	1302110010	166921	15541
1302021004	1302110013	169481	15805
1302021004	1302110012	180631	16713
1302021004	1302012003	26864	2344
1302021004	1302012002	37358	3301
1302021004	1302012001	33906	2894
1302021004	1302012007	28825	2491
1302021004	1302012006	36140	3153
1302021004	1302012005	44102	3790
1302021004	1302012004	39144	3573
1302021004	1302012009	40800	3846
1302021004	1302012008	27165	2374
1302021004	1302110020	183656	16977
1302021004	1302110021	192011	17609
1302021004	1302110022	189994	17502
1302021004	1302110023	182168	16826
1302021004	1302030009	40245	3949
1302021004	1302030003	45050	4433
1302021004	1302030002	45717	4526
1302021004	1302030001	53035	5533

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021004	1302070012	116930	11248
1302021004	1302030006	38391	3722
1302021004	1302030005	30901	3036
1302021004	1302030004	42098	4124
1302021004	1302090008	147956	13857
1302021004	1302110016	191709	20048
1302021004	1302011002	68672	6594
1302021004	1302011003	65607	6161
1302021004	1302011001	49294	4195
1302021004	1302011006	63596	5984
1302021004	1302011007	60040	5488
1302021004	1302011004	64056	5976
1302021004	1302011005	62851	5814
1302021004	1302011008	55326	4907
1302021004	1302011009	57809	5209
1302021004	1302100007	161151	15172
1302021004	1302100006	160490	15107
1302021004	1302100005	162703	15192
1302021004	1302100004	158296	15130
1302021004	1302100003	168395	16143
1302021004	1302100001	159934	14962
1302021004	1302011010	50365	4278
1302021004	1302101005	175074	16593
1302021004	1302110004	171162	15948
1302021004	1302030014	35353	3409
1302021004	1302100010	179889	17281
1302021004	1302100011	188305	18318
1302021004	1302030010	48666	4911
1302021004	1302100012	169985	16045
1302021004	1302101001	175679	16668
1302021004	1302101002	180317	17084
1302021004	1302070004	109107	10646
1302021004	1302031008	49454	5212
1302021004	1302030012	43954	4306
1302021004	1302101006	191488	18607
1302021004	1302031004	48886	4865

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021004	1302031005	45678	4583
1302021004	1302031006	43422	4394
1302021004	1302031007	52541	5402
1302021004	1302031001	40560	4067
1302021004	1302031002	49415	4968
1302021004	1302031003	52812	5401
1302021004	1302020009	17543	1634
1302021004	1302060001	89493	8771
1302021004	1302070001	104033	10103
1302021004	1302101004	189214	18233
1302021004	1302020003	15449	1463
1302021004	1302020001	18943	1739
1302021004	1302020006	19500	1964
1302021004	1302020005	14725	1345
1302021004	1302090012	158668	15001
1302021004	1302090013	159008	15167
1302021004	1302090010	162599	15601
1302021004	1302090011	164151	15833
1302021004	1302090016	160525	15381
1302021004	1302090017	160525	15381
1302021004	1302090014	159340	15187
1302021004	1302090015	160005	15264
1302021004	1302090018	160525	15381
1302021004	1302090019	157821	15211
1302021004	1302080001	130436	12344
1302021004	1302080002	135516	13045
1302021004	1302080003	121874	11643
1302021004	1302080004	125735	11936
1302021004	1302080005	131590	12474
1302021004	1302080006	134538	12881
1302021004	1302080007	135852	13063
1302021004	1302080008	138401	13498
1302021004	1302080009	122481	11835
1302021004	1302031010	48163	4848
1302021004	1302070009	121296	12351
1302021004	1302070008	115080	11359

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021004	1302070007	114213	11228
1302021004	1302070006	112023	10984
1302021004	1302070005	110946	10849
1302021004	1302060009	97209	10065
1302021004	1302070003	114014	11002
1302021004	1302070002	112221	10985
1302021004	1302050010	84974	8568
1302021004	1302100017	159838	15016
1302021004	1302060006	92750	9229
1302021004	1302101003	184498	17477
1302021004	1302060008	101083	10071
1302021004	1302060007	94830	9277
1302021004	1302020011	16073	1516
1302021004	1302020010	19863	1808
1302021004	1302060004	91190	9106
1302021004	1302060005	93091	9387
1302021004	1302020015	14837	1414
1302021004	1302060003	87692	8593
1302021004	1302020017	22659	2238
1302021004	1302020016	16929	1714
1302021004	1302090001	150653	14148
1302021004	1302090003	159072	15156
1302021004	1302090002	147666	13848
1302021004	1302090005	150050	14186
1302021004	1302090004	154831	14733
1302021004	1302090007	148047	13907
1302021004	1302090006	154706	14553
1302021004	1302090009	161548	15444
1302021004	1302060002	101366	10124
1302021004	1302070010	127025	13268
1302021004	1302040008	58755	5801
1302021004	1302040009	58897	5895
1302021004	1302070011	111898	10831
1302021004	1302040004	64237	6697
1302021004	1302040005	70653	7374
1302021004	1302040006	69230	7193



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021004	1302040007	65549	6693
1302021004	1302100013	169985	16045
1302021004	1302040001	58569	5900
1302021004	1302040002	62962	6441
1302021004	1302040003	65056	6829
1302021004	1302021010	8412	723
1302021004	1302050009	81595	8118
1302021004	1302050008	79084	8083
1302021004	1302100009	165299	15615
1302021004	1302100008	162222	15288
1302021004	1302050005	76053	7699
1302021004	1302050004	71364	7252
1302021004	1302050007	76872	7971
1302021004	1302050006	75123	7741
1302021004	1302050001	68952	6996
1302021004	1302100002	169175	15964
1302021004	1302050003	72188	7257
1302021004	1302050002	76332	7831
1302021004	1302110008	195084	17857
1302021004	1302110009	194257	17972
1302021004	1302110006	184059	16986
1302021004	1302110007	212770	21409
1302021004	1302100014	189925	18351
1302021004	1302110005	174275	16200
1302021004	1302110002	170366	15912
1302021004	1302110003	169456	15797
1302021004	1302110001	165927	15455
1302021004	1302031009	48981	4945
1302021004	1302040013	58123	5866
1302021004	1302040012	60745	6254
1302021004	1302040011	52027	5175
1302021004	1302040010	56903	5663
1302021004	1302040016	64953	6576
1302021004	1302040015	63430	6732
1302021004	1302040014	59102	5991
1302021004	1302100015	157179	14952

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021004	1302012010	43794	4274
1302021007	1302021006	1907	189
1302021007	1302021009	3406	306
1302021007	1302021008	491	95
1302021007	1302110019	158545	14859
1302021007	1302110018	158545	14859
1302021007	1302100016	148885	14580
1302021007	1302110015	159360	15016
1302021007	1302110014	159394	15027
1302021007	1302110017	160905	15311
1302021007	1302090020	146908	14376
1302021007	1302110011	167354	16586
1302021007	1302110010	154389	14447
1302021007	1302110013	156949	14711
1302021007	1302110012	168099	15619
1302021007	1302012003	14333	1249
1302021007	1302012002	24826	2207
1302021007	1302012001	21374	1800
1302021007	1302012007	16293	1396
1302021007	1302012006	23608	2059
1302021007	1302012005	31571	2695
1302021007	1302012004	26613	2479
1302021007	1302012009	28268	2751
1302021007	1302012008	14633	1279
1302021007	1302110020	171124	15882
1302021007	1302110021	179479	16515
1302021007	1302110022	177463	16407
1302021007	1302110023	169636	15731
1302021007	1302030009	27714	2855
1302021007	1302030003	32518	3339
1302021007	1302030002	33185	3432
1302021007	1302030001	40503	4439
1302021007	1302070012	104399	10154
1302021007	1302030006	25859	2627
1302021007	1302030005	18369	1941
1302021007	1302030004	29566	3030

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021007	1302090008	135424	12763
1302021007	1302110016	179178	18954
1302021007	1302011002	56140	5499
1302021007	1302011003	53076	5067
1302021007	1302011001	36763	3101
1302021007	1302011006	51064	4890
1302021007	1302011007	47508	4394
1302021007	1302011004	51525	4882
1302021007	1302011005	50319	4720
1302021007	1302011008	42795	3813
1302021007	1302011009	45277	4115
1302021007	1302100007	148619	14077
1302021007	1302100006	147958	14012
1302021007	1302100005	150171	14097
1302021007	1302100004	145764	14035
1302021007	1302100003	155864	15014
1302021007	1302100001	147402	13867
1302021007	1302011010	37833	3184
1302021007	1302101005	162542	15498
1302021007	1302110004	158630	14854
1302021007	1302030014	22821	2314
1302021007	1302100010	167357	16151
1302021007	1302100011	175773	17189
1302021007	1302030010	36135	3817
1302021007	1302100012	157453	14950
1302021007	1302101001	163147	15574
1302021007	1302101002	167786	15990
1302021007	1302070004	96575	9552
1302021007	1302031008	36922	4118
1302021007	1302030012	31422	3211
1302021007	1302101006	178957	17512
1302021007	1302031004	36354	3771
1302021007	1302031005	33146	3489
1302021007	1302031006	30891	3300
1302021007	1302031007	40010	4307
1302021007	1302031001	28028	2973

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021007	1302031002	36883	3874
1302021007	1302031003	40280	4306
1302021007	1302020009	5011	540
1302021007	1302060001	76961	7677
1302021007	1302070001	91501	9009
1302021007	1302101004	176683	17138
1302021007	1302020003	2917	369
1302021007	1302020001	6411	645
1302021007	1302020006	6969	869
1302021007	1302020005	2194	250
1302021007	1302090012	146136	13907
1302021007	1302090013	146476	14072
1302021007	1302090010	150068	14507
1302021007	1302090011	151620	14738
1302021007	1302090016	147994	14286
1302021007	1302090017	147994	14286
1302021007	1302090014	146809	14093
1302021007	1302090015	147474	14170
1302021007	1302090018	147994	14286
1302021007	1302090019	145289	14117
1302021007	1302080001	117904	11250
1302021007	1302080002	122984	11950
1302021007	1302080003	109342	10549
1302021007	1302080004	113203	10841
1302021007	1302080005	119058	11380
1302021007	1302080006	122007	11787
1302021007	1302080007	123320	11969
1302021007	1302080008	125870	12404
1302021007	1302080009	109949	10741
1302021007	1302031010	35631	3753
1302021007	1302070009	108764	11256
1302021007	1302070008	102548	10265
1302021007	1302070007	101682	10133
1302021007	1302070006	99491	9890
1302021007	1302070005	98414	9754
1302021007	1302060009	84677	8971

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021007	1302070003	101483	9908
1302021007	1302070002	99690	9891
1302021007	1302050010	72443	7474
1302021007	1302100017	147307	13922
1302021007	1302060006	80218	8135
1302021007	1302101003	171967	16382
1302021007	1302060008	88551	8976
1302021007	1302060007	82298	8182
1302021007	1302020011	3541	422
1302021007	1302020010	7331	714
1302021007	1302060004	78658	8012
1302021007	1302060005	80559	8292
1302021007	1302020015	2306	320
1302021007	1302060003	75160	7499
1302021007	1302020017	10127	1143
1302021007	1302020016	4397	619
1302021007	1302090001	138122	13054
1302021007	1302090003	146540	14062
1302021007	1302090002	135135	12753
1302021007	1302090005	137518	13092
1302021007	1302090004	142299	13639
1302021007	1302090007	135515	12812
1302021007	1302090006	142174	13459
1302021007	1302090009	149016	14349
1302021007	1302060002	88835	9030
1302021007	1302070010	114494	12174
1302021007	1302040008	46224	4707
1302021007	1302040009	46365	4801
1302021007	1302070011	99367	9737
1302021007	1302040004	51705	5602
1302021007	1302040005	58121	6280
1302021007	1302040006	56699	6098
1302021007	1302040007	53018	5599
1302021007	1302100013	157453	14950
1302021007	1302040001	46037	4806
1302021007	1302040002	50430	5347

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021007	1302040003	52524	5734
1302021007	1302021010	4120	372
1302021007	1302050009	69063	7024
1302021007	1302050008	66552	6989
1302021007	1302100009	152767	14521
1302021007	1302100008	149690	14193
1302021007	1302050005	63521	6604
1302021007	1302050004	58832	6157
1302021007	1302050007	64341	6877
1302021007	1302050006	62591	6647
1302021007	1302050001	56421	5901
1302021007	1302100002	156644	14870
1302021007	1302050003	59656	6162
1302021007	1302050002	63800	6737
1302021007	1302110008	182553	16763
1302021007	1302110009	181726	16878
1302021007	1302110006	171528	15892
1302021007	1302110007	200239	20315
1302021007	1302100014	177393	17257
1302021007	1302110005	161743	15106
1302021007	1302110002	157834	14817
1302021007	1302110003	156924	14703
1302021007	1302110001	153396	14361
1302021007	1302031009	36449	3851
1302021007	1302040013	45592	4771
1302021007	1302040012	48213	5160
1302021007	1302040011	39496	4080
1302021007	1302040010	44371	4569
1302021007	1302040016	52422	5482
1302021007	1302040015	50898	5638
1302021007	1302040014	46570	4897
1302021007	1302100015	144647	13858
1302021007	1302012010	31263	3180
1302021006	1302021009	5312	495
1302021006	1302021008	2398	284
1302021006	1302110019	156639	14670

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021006	1302110018	156639	14670
1302021006	1302100016	146978	14387
1302021006	1302110015	157454	14827
1302021006	1302110014	157487	14838
1302021006	1302110017	158999	15121
1302021006	1302090020	145001	14187
1302021006	1302110011	165447	16397
1302021006	1302110010	152483	14258
1302021006	1302110013	155043	14521
1302021006	1302110012	166193	15430
1302021006	1302012003	12426	1060
1302021006	1302012002	22920	2018
1302021006	1302012001	19467	1611
1302021006	1302012007	14386	1207
1302021006	1302012006	21702	1869
1302021006	1302012005	29664	2506
1302021006	1302012004	24706	2290
1302021006	1302012009	26361	2562
1302021006	1302012008	12727	1090
1302021006	1302110020	169217	15693
1302021006	1302110021	177573	16326
1302021006	1302110022	175556	16218
1302021006	1302110023	167730	15542
1302021006	1302030009	25807	2666
1302021006	1302030003	30612	3150
1302021006	1302030002	31279	3243
1302021006	1302030001	38596	4250
1302021006	1302070012	102492	9965
1302021006	1302030006	23953	2438
1302021006	1302030005	16462	1752
1302021006	1302030004	27660	2841
1302021006	1302090008	133518	12574
1302021006	1302110016	177271	18765
1302021006	1302011002	54233	5310
1302021006	1302011003	51169	4878
1302021006	1302011001	34856	2912

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021006	1302011006	49158	4701
1302021006	1302011007	45601	4204
1302021006	1302011004	49618	4693
1302021006	1302011005	48413	4531
1302021006	1302011008	40888	3623
1302021006	1302011009	43371	3926
1302021006	1302100007	146713	13888
1302021006	1302100006	146052	13823
1302021006	1302100005	148264	13908
1302021006	1302100004	143858	13846
1302021006	1302100003	153957	14821
1302021006	1302100001	145495	13678
1302021006	1302011010	35926	2995
1302021006	1302101005	160636	15309
1302021006	1302110004	156724	14665
1302021006	1302030014	20915	2125
1302021006	1302100010	165450	15958
1302021006	1302100011	173867	16996
1302021006	1302030010	34228	3628
1302021006	1302100012	155546	14761
1302021006	1302101001	161241	15384
1302021006	1302101002	165879	15801
1302021006	1302070004	94668	9363
1302021006	1302031008	35016	3929
1302021006	1302030012	29516	3022
1302021006	1302101006	177050	17323
1302021006	1302031004	34448	3582
1302021006	1302031005	31240	3300
1302021006	1302031006	28984	3111
1302021006	1302031007	38103	4118
1302021006	1302031001	26122	2783
1302021006	1302031002	34976	3685
1302021006	1302031003	38374	4117
1302021006	1302020009	3104	350
1302021006	1302060001	75055	7488
1302021006	1302070001	89595	8819



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021006	1302101004	174776	16949
1302021006	1302020003	1011	180
1302021006	1302020001	4505	456
1302021006	1302020006	5062	680
1302021006	1302020005	287	61
1302021006	1302090012	144230	13718
1302021006	1302090013	144570	13883
1302021006	1302090010	148161	14318
1302021006	1302090011	149713	14549
1302021006	1302090016	146087	14097
1302021006	1302090017	146087	14097
1302021006	1302090014	144902	13904
1302021006	1302090015	145567	13981
1302021006	1302090018	146087	14097
1302021006	1302090019	143383	13928
1302021006	1302080001	115998	11060
1302021006	1302080002	121078	11761
1302021006	1302080003	107436	10359
1302021006	1302080004	111297	10652
1302021006	1302080005	117152	11191
1302021006	1302080006	120100	11598
1302021006	1302080007	121414	11780
1302021006	1302080008	123963	12215
1302021006	1302080009	108043	10552
1302021006	1302031010	33725	3564
1302021006	1302070009	106858	11067
1302021006	1302070008	100642	10076
1302021006	1302070007	99775	9944
1302021006	1302070006	97585	9701
1302021006	1302070005	96508	9565
1302021006	1302060009	82770	8782
1302021006	1302070003	99576	9718
1302021006	1302070002	97783	9702
1302021006	1302050010	70536	7285
1302021006	1302100017	145400	13733
1302021006	1302060006	78312	7946

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021006	1302101003	170060	16193
1302021006	1302060008	86644	8787
1302021006	1302060007	80392	7993
1302021006	1302020011	1635	232
1302021006	1302020010	5425	524
1302021006	1302060004	76752	7822
1302021006	1302060005	78653	8103
1302021006	1302020015	399	131
1302021006	1302060003	73253	7310
1302021006	1302020017	8220	954
1302021006	1302020016	2491	430
1302021006	1302090001	136215	12864
1302021006	1302090003	144634	13873
1302021006	1302090002	133228	12564
1302021006	1302090005	135612	12902
1302021006	1302090004	140392	13449
1302021006	1302090007	133608	12623
1302021006	1302090006	140268	13270
1302021006	1302090009	147110	14160
1302021006	1302060002	86928	8840
1302021006	1302070010	112587	11985
1302021006	1302040008	44317	4518
1302021006	1302040009	44459	4612
1302021006	1302070011	97460	9547
1302021006	1302040004	49798	5413
1302021006	1302040005	56215	6091
1302021006	1302040006	54792	5909
1302021006	1302040007	51111	5410
1302021006	1302100013	155546	14761
1302021006	1302040001	44130	4617
1302021006	1302040002	48523	5158
1302021006	1302040003	50618	5545
1302021006	1302021010	6027	561
1302021006	1302050009	67156	6835
1302021006	1302050008	64646	6800
1302021006	1302100009	150861	14332

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021006	1302100008	147784	14004
1302021006	1302050005	61615	6415
1302021006	1302050004	56926	5968
1302021006	1302050007	62434	6688
1302021006	1302050006	60684	6458
1302021006	1302050001	54514	5712
1302021006	1302100002	154737	14680
1302021006	1302050003	57750	5973
1302021006	1302050002	61894	6548
1302021006	1302110008	180646	16573
1302021006	1302110009	179819	16688
1302021006	1302110006	169621	15703
1302021006	1302110007	198332	20126
1302021006	1302100014	175486	17067
1302021006	1302110005	159837	14917
1302021006	1302110002	155928	14628
1302021006	1302110003	155018	14514
1302021006	1302110001	151489	14172
1302021006	1302031009	34543	3662
1302021006	1302040013	43685	4582
1302021006	1302040012	46307	4970
1302021006	1302040011	37589	3891
1302021006	1302040010	42465	4380
1302021006	1302040016	50515	5293
1302021006	1302040015	48991	5448
1302021006	1302040014	44664	4708
1302021006	1302100015	142740	13669
1302021006	1302012010	29356	2991
1302021009	1302021008	3794	395
1302021009	1302110019	161951	15165
1302021009	1302110018	161951	15165
1302021009	1302100016	152291	14899
1302021009	1302110015	162766	15322
1302021009	1302110014	162800	15333
1302021009	1302110017	164311	15617
1302021009	1302090020	150314	14682

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021009	1302110011	170760	16892
1302021009	1302110010	157795	14753
1302021009	1302110013	160355	15017
1302021009	1302110012	171505	15925
1302021009	1302012003	17739	1555
1302021009	1302012002	28232	2513
1302021009	1302012001	24780	2106
1302021009	1302012007	19699	1702
1302021009	1302012006	27014	2364
1302021009	1302012005	34977	3001
1302021009	1302012004	30018	2785
1302021009	1302012009	31674	3057
1302021009	1302012008	18039	1585
1302021009	1302110020	174530	16188
1302021009	1302110021	182885	16821
1302021009	1302110022	180868	16713
1302021009	1302110023	173042	16037
1302021009	1302030009	31119	3161
1302021009	1302030003	35924	3645
1302021009	1302030002	36591	3738
1302021009	1302030001	43909	4745
1302021009	1302070012	107805	10460
1302021009	1302030006	29265	2933
1302021009	1302030005	21775	2247
1302021009	1302030004	32972	3336
1302021009	1302090008	138830	13069
1302021009	1302110016	182584	19260
1302021009	1302011002	59546	5805
1302021009	1302011003	56482	5373
1302021009	1302011001	40168	3407
1302021009	1302011006	54470	5196
1302021009	1302011007	50914	4700
1302021009	1302011004	54931	5188
1302021009	1302011005	53725	5026
1302021009	1302011008	46201	4118
1302021009	1302011009	48683	4421

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021009	1302100007	152025	14383
1302021009	1302100006	151364	14318
1302021009	1302100005	153577	14403
1302021009	1302100004	149170	14341
1302021009	1302100003	159269	15333
1302021009	1302100001	150808	14173
1302021009	1302011010	41239	3490
1302021009	1302101005	165948	15804
1302021009	1302110004	162036	15160
1302021009	1302030014	26227	2620
1302021009	1302100010	170763	16471
1302021009	1302100011	179179	17508
1302021009	1302030010	39540	4123
1302021009	1302100012	160859	15256
1302021009	1302101001	166553	15879
1302021009	1302101002	171192	16296
1302021009	1302070004	99981	9858
1302021009	1302031008	40328	4424
1302021009	1302030012	34828	3517
1302021009	1302101006	182363	17818
1302021009	1302031004	39760	4077
1302021009	1302031005	36552	3795
1302021009	1302031006	34297	3606
1302021009	1302031007	43416	4613
1302021009	1302031001	31434	3278
1302021009	1302031002	40289	4180
1302021009	1302031003	43686	4612
1302021009	1302020009	8417	845
1302021009	1302060001	80367	7983
1302021009	1302070001	94907	9315
1302021009	1302101004	180088	17444
1302021009	1302020003	6323	675
1302021009	1302020001	9817	951
1302021009	1302020006	10375	1175
1302021009	1302020005	5599	556
1302021009	1302090012	149542	14213

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021009	1302090013	149882	14378
1302021009	1302090010	153474	14813
1302021009	1302090011	155025	15044
1302021009	1302090016	151399	14592
1302021009	1302090017	151399	14592
1302021009	1302090014	150215	14399
1302021009	1302090015	150880	14476
1302021009	1302090018	151399	14592
1302021009	1302090019	148695	14423
1302021009	1302080001	121310	11555
1302021009	1302080002	126390	12256
1302021009	1302080003	112748	10854
1302021009	1302080004	116609	11147
1302021009	1302080005	122464	11686
1302021009	1302080006	125412	12093
1302021009	1302080007	126726	12275
1302021009	1302080008	129276	12710
1302021009	1302080009	113355	11047
1302021009	1302031010	39037	4059
1302021009	1302070009	112170	11562
1302021009	1302070008	105954	10571
1302021009	1302070007	105088	10439
1302021009	1302070006	102897	10196
1302021009	1302070005	101820	10060
1302021009	1302060009	88083	9277
1302021009	1302070003	104889	10213
1302021009	1302070002	103095	10197
1302021009	1302050010	75848	7780
1302021009	1302100017	150713	14228
1302021009	1302060006	83624	8441
1302021009	1302101003	175372	16688
1302021009	1302060008	91957	9282
1302021009	1302060007	85704	8488
1302021009	1302020011	6947	728
1302021009	1302020010	10737	1019
1302021009	1302060004	82064	8318

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021009	1302060005	83965	8598
1302021009	1302020015	5712	626
1302021009	1302060003	78566	7805
1302021009	1302020017	13533	1449
1302021009	1302020016	7803	925
1302021009	1302090001	141528	13359
1302021009	1302090003	149946	14368
1302021009	1302090002	138541	13059
1302021009	1302090005	140924	13398
1302021009	1302090004	145705	13944
1302021009	1302090007	138921	13118
1302021009	1302090006	145580	13765
1302021009	1302090009	152422	14655
1302021009	1302060002	92241	9336
1302021009	1302070010	117900	12480
1302021009	1302040008	49629	5013
1302021009	1302040009	49771	5107
1302021009	1302070011	102773	10042
1302021009	1302040004	55111	5908
1302021009	1302040005	61527	6586
1302021009	1302040006	60104	6404
1302021009	1302040007	56424	5905
1302021009	1302100013	160859	15256
1302021009	1302040001	49443	5112
1302021009	1302040002	53836	5653
1302021009	1302040003	55930	6040
1302021009	1302021010	714	66
1302021009	1302050009	72469	7330
1302021009	1302050008	69958	7295
1302021009	1302100009	156173	14827
1302021009	1302100008	153096	14499
1302021009	1302050005	66927	6910
1302021009	1302050004	62238	6463
1302021009	1302050007	67747	7183
1302021009	1302050006	65997	6953
1302021009	1302050001	59827	6207

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021009	1302100002	160049	15175
1302021009	1302050003	63062	6468
1302021009	1302050002	67206	7043
1302021009	1302110008	185958	17068
1302021009	1302110009	185132	17183
1302021009	1302110006	174934	16198
1302021009	1302110007	203645	20621
1302021009	1302100014	180799	17563
1302021009	1302110005	165149	15412
1302021009	1302110002	161240	15123
1302021009	1302110003	160330	15009
1302021009	1302110001	156801	14667
1302021009	1302031009	39855	4157
1302021009	1302040013	48998	5077
1302021009	1302040012	51619	5466
1302021009	1302040011	42901	4386
1302021009	1302040010	47777	4875
1302021009	1302040016	55827	5788
1302021009	1302040015	54304	5944
1302021009	1302040014	49976	5203
1302021009	1302100015	148053	14164
1302021009	1302012010	34669	3486
1302021008	1302110019	159037	14965
1302021008	1302110018	159037	14965
1302021008	1302100016	149376	14685
1302021008	1302110015	159852	15122
1302021008	1302110014	159885	15133
1302021008	1302110017	161397	15416
1302021008	1302090020	147399	14482
1302021008	1302110011	167845	16692
1302021008	1302110010	154881	14552
1302021008	1302110013	157441	14816
1302021008	1302110012	168591	15725
1302021008	1302012003	14824	1355
1302021008	1302012002	25318	2313
1302021008	1302012001	21865	1906



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021008	1302012007	16784	1502
1302021008	1302012006	24100	2164
1302021008	1302012005	32062	2801
1302021008	1302012004	27104	2585
1302021008	1302012009	28759	2857
1302021008	1302012008	15125	1385
1302021008	1302110020	171615	15988
1302021008	1302110021	179971	16621
1302021008	1302110022	177954	16513
1302021008	1302110023	170127	15837
1302021008	1302030009	28205	2960
1302021008	1302030003	33010	3445
1302021008	1302030002	33677	3537
1302021008	1302030001	40994	4544
1302021008	1302070012	104890	10260
1302021008	1302030006	26351	2733
1302021008	1302030005	18860	2047
1302021008	1302030004	30058	3136
1302021008	1302090008	135916	12869
1302021008	1302110016	179669	19060
1302021008	1302011002	56631	5605
1302021008	1302011003	53567	5172
1302021008	1302011001	37254	3207
1302021008	1302011006	51556	4995
1302021008	1302011007	47999	4499
1302021008	1302011004	52016	4988
1302021008	1302011005	50811	4826
1302021008	1302011008	43286	3918
1302021008	1302011009	45769	4221
1302021008	1302100007	149111	14183
1302021008	1302100006	148450	14118
1302021008	1302100005	150662	14203
1302021008	1302100004	146256	14141
1302021008	1302100003	156355	15119
1302021008	1302100001	147893	13973
1302021008	1302011010	38324	3289

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021008	1302101005	163034	15604
1302021008	1302110004	159122	14960
1302021008	1302030014	23313	2420
1302021008	1302100010	167848	16257
1302021008	1302100011	176265	17295
1302021008	1302030010	36626	3923
1302021008	1302100012	157944	15056
1302021008	1302101001	163639	15679
1302021008	1302101002	168277	16095
1302021008	1302070004	97066	9657
1302021008	1302031008	37414	4224
1302021008	1302030012	31914	3317
1302021008	1302101006	179448	17618
1302021008	1302031004	36846	3876
1302021008	1302031005	33638	3594
1302021008	1302031006	31382	3406
1302021008	1302031007	40501	4413
1302021008	1302031001	28520	3078
1302021008	1302031002	37374	3979
1302021008	1302031003	40772	4412
1302021008	1302020009	5502	645
1302021008	1302060001	77453	7782
1302021008	1302070001	91993	9114
1302021008	1302101004	177174	17244
1302021008	1302020003	3409	474
1302021008	1302020001	6903	750
1302021008	1302020006	7460	975
1302021008	1302020005	2685	356
1302021008	1302090012	146628	14013
1302021008	1302090013	146968	14178
1302021008	1302090010	150559	14612
1302021008	1302090011	152111	14844
1302021008	1302090016	148485	14392
1302021008	1302090017	148485	14392
1302021008	1302090014	147300	14199
1302021008	1302090015	147965	14276

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021008	1302090018	148485	14392
1302021008	1302090019	145781	14223
1302021008	1302080001	118396	11355
1302021008	1302080002	123476	12056
1302021008	1302080003	109834	10654
1302021008	1302080004	113695	10947
1302021008	1302080005	119550	11486
1302021008	1302080006	122498	11892
1302021008	1302080007	123812	12075
1302021008	1302080008	126361	12509
1302021008	1302080009	110440	10847
1302021008	1302031010	36123	3859
1302021008	1302070009	109256	11362
1302021008	1302070008	103040	10371
1302021008	1302070007	102173	10239
1302021008	1302070006	99983	9996
1302021008	1302070005	98906	9860
1302021008	1302060009	85168	9077
1302021008	1302070003	101974	10013
1302021008	1302070002	100181	9997
1302021008	1302050010	72934	7580
1302021008	1302100017	147798	14028
1302021008	1302060006	80710	8241
1302021008	1302101003	172458	16488
1302021008	1302060008	89042	9082
1302021008	1302060007	82790	8288
1302021008	1302020011	4033	527
1302021008	1302020010	7823	819
1302021008	1302060004	79150	8117
1302021008	1302060005	81051	8398
1302021008	1302020015	2797	426
1302021008	1302060003	75651	7605
1302021008	1302020017	10618	1249
1302021008	1302020016	4889	725
1302021008	1302090001	138613	13159
1302021008	1302090003	147032	14167

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021008	1302090002	135626	12859
1302021008	1302090005	138010	13197
1302021008	1302090004	142790	13744
1302021008	1302090007	136006	12918
1302021008	1302090006	142666	13565
1302021008	1302090009	149508	14455
1302021008	1302060002	89326	9135
1302021008	1302070010	114985	12280
1302021008	1302040008	46715	4812
1302021008	1302040009	46857	4907
1302021008	1302070011	99858	9842
1302021008	1302040004	52196	5708
1302021008	1302040005	58613	6386
1302021008	1302040006	57190	6204
1302021008	1302040007	53509	5705
1302021008	1302100013	157944	15056
1302021008	1302040001	46528	4912
1302021008	1302040002	50921	5453
1302021008	1302040003	53016	5840
1302021008	1302021010	4508	466
1302021008	1302050009	69554	7129
1302021008	1302050008	67044	7095
1302021008	1302100009	153259	14627
1302021008	1302100008	150182	14299
1302021008	1302050005	64013	6710
1302021008	1302050004	59324	6263
1302021008	1302050007	64832	6983
1302021008	1302050006	63082	6753
1302021008	1302050001	56912	6007
1302021008	1302100002	157135	14975
1302021008	1302050003	60148	6268
1302021008	1302050002	64292	6842
1302021008	1302110008	183044	16868
1302021008	1302110009	182217	16983
1302021008	1302110006	172019	15997
1302021008	1302110007	200730	20421

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021008	1302100014	177884	17362
1302021008	1302110005	162235	15211
1302021008	1302110002	158326	14923
1302021008	1302110003	157416	14809
1302021008	1302110001	153887	14466
1302021008	1302031009	36941	3957
1302021008	1302040013	46083	4877
1302021008	1302040012	48705	5265
1302021008	1302040011	39987	4186
1302021008	1302040010	44862	4675
1302021008	1302040016	52913	5588
1302021008	1302040015	51389	5743
1302021008	1302040014	47062	5002
1302021008	1302100015	145138	13964
1302021008	1302012010	31754	3285
1302110019	1302110018	0	0
1302110019	1302100016	17499	1804
1302110019	1302110015	5317	738
1302110019	1302110014	5351	749
1302110019	1302110017	5938	944
1302110019	1302090020	31402	3421
1302110019	1302110011	12386	2219
1302110019	1302110010	4156	504
1302110019	1302110013	2906	432
1302110019	1302110012	9754	822
1302110019	1302012003	168612	15876
1302110019	1302012002	179105	16834
1302110019	1302012001	175653	16427
1302110019	1302012007	170572	16023
1302110019	1302012006	177887	16686
1302110019	1302012005	185849	17322
1302110019	1302012004	180891	17106
1302110019	1302012009	182547	17378
1302110019	1302012008	168912	15906
1302110019	1302110020	12779	1086
1302110019	1302110021	21134	1718

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110019	1302110022	19117	1611
1302110019	1302110023	11291	935
1302110019	1302030009	133710	12680
1302110019	1302030003	138515	13164
1302110019	1302030002	139182	13257
1302110019	1302030001	130453	12431
1302110019	1302070012	54152	4845
1302110019	1302030006	133109	12670
1302110019	1302030005	140182	13249
1302110019	1302030004	135563	12855
1302110019	1302090008	24042	2361
1302110019	1302110016	25135	4676
1302110019	1302011002	210419	20126
1302110019	1302011003	207354	19694
1302110019	1302011001	191041	17728
1302110019	1302011006	205343	19517
1302110019	1302011007	201787	19021
1302110019	1302011004	205803	19509
1302110019	1302011005	204598	19347
1302110019	1302011008	197073	18439
1302110019	1302011009	199556	18742
1302110019	1302100007	12595	1239
1302110019	1302100006	11934	1174
1302110019	1302100005	8374	844
1302110019	1302100004	14378	1503
1302110019	1302100003	19840	1949
1302110019	1302100001	11143	1085
1302110019	1302011010	192112	17811
1302110019	1302101005	26518	2660
1302110019	1302110004	285	57
1302110019	1302030014	135730	12877
1302110019	1302100010	31333	3087
1302110019	1302100011	39749	4124
1302110019	1302030010	142131	13642
1302110019	1302100012	21429	2113
1302110019	1302101001	27123	2736

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110019	1302101002	31762	3152
1302110019	1302070004	73696	6699
1302110019	1302031008	131207	12548
1302110019	1302030012	137419	13036
1302110019	1302101006	42933	4675
1302110019	1302031004	142351	13596
1302110019	1302031005	125242	11743
1302110019	1302031006	130433	12291
1302110019	1302031007	129960	12299
1302110019	1302031001	130522	12219
1302110019	1302031002	126833	11866
1302110019	1302031003	146277	14131
1302110019	1302020009	159290	15167
1302110019	1302060001	81590	7351
1302110019	1302070001	67049	5972
1302110019	1302101004	40659	4300
1302110019	1302020003	157196	14996
1302110019	1302020001	160690	15272
1302110019	1302020006	151582	14321
1302110019	1302020005	156472	14877
1302110019	1302090012	21114	2106
1302110019	1302090013	23754	2461
1302110019	1302090010	18682	1975
1302110019	1302090011	20234	2207
1302110019	1302090016	25271	2675
1302110019	1302090017	25271	2675
1302110019	1302090014	24086	2481
1302110019	1302090015	24751	2559
1302110019	1302090018	25271	2675
1302110019	1302090019	29783	3162
1302110019	1302080001	40719	3785
1302110019	1302080002	45029	4407
1302110019	1302080003	49208	4450
1302110019	1302080004	45348	4158
1302110019	1302080005	41364	3953
1302110019	1302080006	44051	4244

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110019	1302080007	45365	4426
1302110019	1302080008	47914	4861
1302110019	1302080009	50125	4617
1302110019	1302031010	122757	11478
1302110019	1302070009	73155	7178
1302110019	1302070008	66938	6187
1302110019	1302070007	66072	6055
1302110019	1302070006	61669	5592
1302110019	1302070005	62804	5676
1302110019	1302060009	88032	8545
1302110019	1302070003	57068	5099
1302110019	1302070002	60649	5575
1302110019	1302050010	91800	8225
1302110019	1302100017	12965	1339
1302110019	1302060006	79912	7362
1302110019	1302101003	35943	3544
1302110019	1302060008	82529	7711
1302110019	1302060007	76315	6893
1302110019	1302020011	157820	15049
1302110019	1302020010	161610	15341
1302110019	1302060004	85787	7846
1302110019	1302060005	84537	7951
1302110019	1302020015	156245	14835
1302110019	1302060003	83391	7530
1302110019	1302020017	148424	14048
1302110019	1302020016	154153	14572
1302110019	1302090001	21312	2059
1302110019	1302090003	23818	2450
1302110019	1302090002	23738	2268
1302110019	1302090005	22411	2100
1302110019	1302090004	26793	2683
1302110019	1302090007	24253	2329
1302110019	1302090006	17088	1646
1302110019	1302090009	26294	2738
1302110019	1302060002	82813	7765
1302110019	1302070010	78884	8096



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110019	1302040008	117981	10891
1302110019	1302040009	114475	10604
1302110019	1302070011	59184	5262
1302110019	1302040004	108760	10070
1302110019	1302040005	109255	10163
1302110019	1302040006	107832	9982
1302110019	1302040007	104621	9569
1302110019	1302100013	21429	2113
1302110019	1302040001	112514	10312
1302110019	1302040002	107209	9828
1302110019	1302040003	109579	10202
1302110019	1302021010	162671	15457
1302110019	1302050009	89632	8059
1302110019	1302050008	93321	8411
1302110019	1302100009	16743	1683
1302110019	1302100008	13666	1355
1302110019	1302050005	94117	8493
1302110019	1302050004	101041	9287
1302110019	1302050007	97701	8923
1302110019	1302050006	100129	9179
1302110019	1302050001	101218	9267
1302110019	1302100002	20620	2032
1302110019	1302050003	98918	8908
1302110019	1302050002	96073	8676
1302110019	1302110008	24207	1966
1302110019	1302110009	23381	2081
1302110019	1302110006	13183	1095
1302110019	1302110007	41893	5518
1302110019	1302100014	41369	4419
1302110019	1302110005	3398	309
1302110019	1302110002	3791	539
1302110019	1302110003	1667	282
1302110019	1302110001	5150	587
1302110019	1302031009	121921	11378
1302110019	1302040013	114090	10526
1302110019	1302040012	119440	11260

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110019	1302040011	119055	11032
1302110019	1302040010	114523	10618
1302110019	1302040016	108018	9778
1302110019	1302040015	113623	10719
1302110019	1302040014	117797	10998
1302110019	1302100015	15151	1577
1302110019	1302012010	185541	17807
1302110018	1302100016	17499	1804
1302110018	1302110015	5317	738
1302110018	1302110014	5351	749
1302110018	1302110017	5938	944
1302110018	1302090020	31402	3421
1302110018	1302110011	12386	2219
1302110018	1302110010	4156	504
1302110018	1302110013	2906	432
1302110018	1302110012	9754	822
1302110018	1302012003	168612	15876
1302110018	1302012002	179105	16834
1302110018	1302012001	175653	16427
1302110018	1302012007	170572	16023
1302110018	1302012006	177887	16686
1302110018	1302012005	185849	17322
1302110018	1302012004	180891	17106
1302110018	1302012009	182547	17378
1302110018	1302012008	168912	15906
1302110018	1302110020	12779	1086
1302110018	1302110021	21134	1718
1302110018	1302110022	19117	1611
1302110018	1302110023	11291	935
1302110018	1302030009	133710	12680
1302110018	1302030003	138515	13164
1302110018	1302030002	139182	13257
1302110018	1302030001	130453	12431
1302110018	1302070012	54152	4845
1302110018	1302030006	133109	12670
1302110018	1302030005	140182	13249

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110018	1302030004	135563	12855
1302110018	1302090008	24042	2361
1302110018	1302110016	25135	4676
1302110018	1302011002	210419	20126
1302110018	1302011003	207354	19694
1302110018	1302011001	191041	17728
1302110018	1302011006	205343	19517
1302110018	1302011007	201787	19021
1302110018	1302011004	205803	19509
1302110018	1302011005	204598	19347
1302110018	1302011008	197073	18439
1302110018	1302011009	199556	18742
1302110018	1302100007	12595	1239
1302110018	1302100006	11934	1174
1302110018	1302100005	8374	844
1302110018	1302100004	14378	1503
1302110018	1302100003	19840	1949
1302110018	1302100001	11143	1085
1302110018	1302011010	192112	17811
1302110018	1302101005	26518	2660
1302110018	1302110004	285	57
1302110018	1302030014	135730	12877
1302110018	1302100010	31333	3087
1302110018	1302100011	39749	4124
1302110018	1302030010	142131	13642
1302110018	1302100012	21429	2113
1302110018	1302101001	27123	2736
1302110018	1302101002	31762	3152
1302110018	1302070004	73696	6699
1302110018	1302031008	131207	12548
1302110018	1302030012	137419	13036
1302110018	1302101006	42933	4675
1302110018	1302031004	142351	13596
1302110018	1302031005	125242	11743
1302110018	1302031006	130433	12291
1302110018	1302031007	129960	12299

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110018	1302031001	130522	12219
1302110018	1302031002	126833	11866
1302110018	1302031003	146277	14131
1302110018	1302020009	159290	15167
1302110018	1302060001	81590	7351
1302110018	1302070001	67049	5972
1302110018	1302101004	40659	4300
1302110018	1302020003	157196	14996
1302110018	1302020001	160690	15272
1302110018	1302020006	151582	14321
1302110018	1302020005	156472	14877
1302110018	1302090012	21114	2106
1302110018	1302090013	23754	2461
1302110018	1302090010	18682	1975
1302110018	1302090011	20234	2207
1302110018	1302090016	25271	2675
1302110018	1302090017	25271	2675
1302110018	1302090014	24086	2481
1302110018	1302090015	24751	2559
1302110018	1302090018	25271	2675
1302110018	1302090019	29783	3162
1302110018	1302080001	40719	3785
1302110018	1302080002	45029	4407
1302110018	1302080003	49208	4450
1302110018	1302080004	45348	4158
1302110018	1302080005	41364	3953
1302110018	1302080006	44051	4244
1302110018	1302080007	45365	4426
1302110018	1302080008	47914	4861
1302110018	1302080009	50125	4617
1302110018	1302031010	122757	11478
1302110018	1302070009	73155	7178
1302110018	1302070008	66938	6187
1302110018	1302070007	66072	6055
1302110018	1302070006	61669	5592
1302110018	1302070005	62804	5676

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110018	1302060009	88032	8545
1302110018	1302070003	57068	5099
1302110018	1302070002	60649	5575
1302110018	1302050010	91800	8225
1302110018	1302100017	12965	1339
1302110018	1302060006	79912	7362
1302110018	1302101003	35943	3544
1302110018	1302060008	82529	7711
1302110018	1302060007	76315	6893
1302110018	1302020011	157820	15049
1302110018	1302020010	161610	15341
1302110018	1302060004	85787	7846
1302110018	1302060005	84537	7951
1302110018	1302020015	156245	14835
1302110018	1302060003	83391	7530
1302110018	1302020017	148424	14048
1302110018	1302020016	154153	14572
1302110018	1302090001	21312	2059
1302110018	1302090003	23818	2450
1302110018	1302090002	23738	2268
1302110018	1302090005	22411	2100
1302110018	1302090004	26793	2683
1302110018	1302090007	24253	2329
1302110018	1302090006	17088	1646
1302110018	1302090009	26294	2738
1302110018	1302060002	82813	7765
1302110018	1302070010	78884	8096
1302110018	1302040008	117981	10891
1302110018	1302040009	114475	10604
1302110018	1302070011	59184	5262
1302110018	1302040004	108760	10070
1302110018	1302040005	109255	10163
1302110018	1302040006	107832	9982
1302110018	1302040007	104621	9569
1302110018	1302100013	21429	2113
1302110018	1302040001	112514	10312

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110018	1302040002	107209	9828
1302110018	1302040003	109579	10202
1302110018	1302021010	162671	15457
1302110018	1302050009	89632	8059
1302110018	1302050008	93321	8411
1302110018	1302100009	16743	1683
1302110018	1302100008	13666	1355
1302110018	1302050005	94117	8493
1302110018	1302050004	101041	9287
1302110018	1302050007	97701	8923
1302110018	1302050006	100129	9179
1302110018	1302050001	101218	9267
1302110018	1302100002	20620	2032
1302110018	1302050003	98918	8908
1302110018	1302050002	96073	8676
1302110018	1302110008	24207	1966
1302110018	1302110009	23381	2081
1302110018	1302110006	13183	1095
1302110018	1302110007	41893	5518
1302110018	1302100014	41369	4419
1302110018	1302110005	3398	309
1302110018	1302110002	3791	539
1302110018	1302110003	1667	282
1302110018	1302110001	5150	587
1302110018	1302031009	121921	11378
1302110018	1302040013	114090	10526
1302110018	1302040012	119440	11260
1302110018	1302040011	119055	11032
1302110018	1302040010	114523	10618
1302110018	1302040016	108018	9778
1302110018	1302040015	113623	10719
1302110018	1302040014	117797	10998
1302110018	1302100015	15151	1577
1302110018	1302012010	185541	17807
1302100016	1302110015	18314	1931
1302100016	1302110014	18348	1944

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100016	1302110017	19859	2239
1302100016	1302090020	21734	2829
1302100016	1302110011	26308	3515
1302100016	1302110010	13343	1371
1302100016	1302110013	15903	1632
1302100016	1302110012	27053	2548
1302100016	1302012003	158943	15469
1302100016	1302012002	169437	16447
1302100016	1302012001	165985	16034
1302100016	1302012007	160904	15620
1302100016	1302012006	168219	16297
1302100016	1302012005	176181	16934
1302100016	1302012004	171223	16661
1302100016	1302012009	172879	16904
1302100016	1302012008	159244	15498
1302100016	1302110020	30078	2807
1302100016	1302110021	38433	3458
1302100016	1302110022	36416	3324
1302100016	1302110023	28590	2657
1302100016	1302030009	124042	12224
1302100016	1302030003	128847	12720
1302100016	1302030002	129514	12815
1302100016	1302030001	120785	11981
1302100016	1302070012	44484	4277
1302100016	1302030006	123441	12217
1302100016	1302030005	130514	12806
1302100016	1302030004	125895	12403
1302100016	1302090008	14374	1761
1302100016	1302110016	38131	5934
1302100016	1302011002	200751	19663
1302100016	1302011003	197686	19239
1302100016	1302011001	181373	17348
1302100016	1302011006	195675	19014
1302100016	1302011007	192119	18598
1302100016	1302011004	196135	19054
1302100016	1302011005	194930	18898

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100016	1302011008	187405	18025
1302100016	1302011009	189888	18319
1302100016	1302100007	7497	866
1302100016	1302100006	6836	802
1302100016	1302100005	9125	1026
1302100016	1302100004	3121	333
1302100016	1302100003	10808	1256
1302100016	1302100001	6356	801
1302100016	1302011010	182443	17432
1302100016	1302101005	17487	1960
1302100016	1302110004	17584	1777
1302100016	1302030014	126061	12427
1302100016	1302100010	22302	2394
1302100016	1302100011	30718	3431
1302100016	1302030010	132463	13203
1302100016	1302100012	12398	1419
1302100016	1302101001	18092	2033
1302100016	1302101002	22731	2428
1302100016	1302070004	64028	6140
1302100016	1302031008	121539	12090
1302100016	1302030012	127751	12587
1302100016	1302101006	33902	3951
1302100016	1302031004	132683	13167
1302100016	1302031005	115574	11293
1302100016	1302031006	120765	11834
1302100016	1302031007	120292	11850
1302100016	1302031001	120854	11761
1302100016	1302031002	117165	11416
1302100016	1302031003	136609	13690
1302100016	1302020009	149622	14746
1302100016	1302060001	71921	6824
1302100016	1302070001	57381	5408
1302100016	1302101004	31628	3577
1302100016	1302020003	147528	14573
1302100016	1302020001	151022	14854
1302100016	1302020006	141914	13889



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100016	1302020005	146804	14455
1302100016	1302090012	11446	1451
1302100016	1302090013	14086	1789
1302100016	1302090010	1183	131
1302100016	1302090011	2735	367
1302100016	1302090016	15603	1981
1302100016	1302090017	15603	1981
1302100016	1302090014	14418	1796
1302100016	1302090015	15083	1870
1302100016	1302090018	15603	1981
1302100016	1302090019	20115	2570
1302100016	1302080001	31051	3225
1302100016	1302080002	35361	3810
1302100016	1302080003	39540	3880
1302100016	1302080004	35679	3592
1302100016	1302080005	31696	3409
1302100016	1302080006	34383	3697
1302100016	1302080007	35697	3879
1302100016	1302080008	38246	4238
1302100016	1302080009	40457	4039
1302100016	1302031010	113089	11024
1302100016	1302070009	63486	6620
1302100016	1302070008	57270	5629
1302100016	1302070007	56404	5497
1302100016	1302070006	52000	5044
1302100016	1302070005	53136	5125
1302100016	1302060009	78364	8008
1302100016	1302070003	47400	4537
1302100016	1302070002	50981	5015
1302100016	1302050010	82132	7695
1302100016	1302100017	4534	498
1302100016	1302060006	70244	6835
1302100016	1302101003	26911	2821
1302100016	1302060008	73715	7186
1302100016	1302060007	66647	6353
1302100016	1302020011	148152	14628

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100016	1302020010	151942	14924
1302100016	1302060004	76119	7304
1302100016	1302060005	74869	7411
1302100016	1302020015	146577	14412
1302100016	1302060003	73723	7006
1302100016	1302020017	138756	13614
1302100016	1302020016	144485	14145
1302100016	1302090001	11644	1436
1302100016	1302090003	14150	1765
1302100016	1302090002	14070	1668
1302100016	1302090005	12743	1496
1302100016	1302090004	17125	2091
1302100016	1302090007	14585	1727
1302100016	1302090006	7420	1025
1302100016	1302090009	16626	2044
1302100016	1302060002	73999	7227
1302100016	1302070010	69216	7538
1302100016	1302040008	108313	10414
1302100016	1302040009	104807	10117
1302100016	1302070011	49516	4703
1302100016	1302040004	99092	9550
1302100016	1302040005	99587	9663
1302100016	1302040006	98164	9476
1302100016	1302040007	94953	9050
1302100016	1302100013	12398	1419
1302100016	1302040001	102846	9829
1302100016	1302040002	97541	9309
1302100016	1302040003	99911	9682
1302100016	1302021010	153003	15059
1302100016	1302050009	79964	7543
1302100016	1302050008	83653	7906
1302100016	1302100009	9874	1164
1302100016	1302100008	8568	982
1302100016	1302050005	84449	7984
1302100016	1302050004	91104	8684
1302100016	1302050007	88033	8425

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100016	1302050006	90461	8688
1302100016	1302050001	91550	8741
1302100016	1302100002	11588	1338
1302100016	1302050003	89250	8403
1302100016	1302050002	86405	8178
1302100016	1302110008	41506	3696
1302100016	1302110009	40679	3794
1302100016	1302110006	30481	2817
1302100016	1302110007	59192	7246
1302100016	1302100014	32338	3695
1302100016	1302110005	20697	2028
1302100016	1302110002	16788	1736
1302100016	1302110003	15878	1626
1302100016	1302110001	12349	1286
1302100016	1302031009	112253	10920
1302100016	1302040013	104422	10042
1302100016	1302040012	109772	10780
1302100016	1302040011	109387	10567
1302100016	1302040010	104855	10130
1302100016	1302040016	98350	9275
1302100016	1302040015	103955	10199
1302100016	1302040014	108129	10518
1302100016	1302100015	4238	506
1302100016	1302012010	175873	17307
1302110015	1302110014	2341	317
1302110015	1302110017	5475	786
1302110015	1302090020	32217	3557
1302110015	1302110011	11924	2062
1302110015	1302110010	4971	640
1302110015	1302110013	2411	304
1302110015	1302110012	14871	1424
1302110015	1302012003	169427	16012
1302110015	1302012002	179920	16970
1302110015	1302012001	176468	16563
1302110015	1302012007	171387	16160
1302110015	1302012006	178702	16822

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110015	1302012005	186664	17458
1302110015	1302012004	181706	17242
1302110015	1302012009	183362	17515
1302110015	1302012008	169727	16043
1302110015	1302110020	17896	1687
1302110015	1302110021	26251	2320
1302110015	1302110022	24234	2212
1302110015	1302110023	16408	1536
1302110015	1302030009	134525	12816
1302110015	1302030003	139330	13300
1302110015	1302030002	139997	13393
1302110015	1302030001	131268	12567
1302110015	1302070012	54967	4981
1302110015	1302030006	133924	12807
1302110015	1302030005	140997	13386
1302110015	1302030004	136378	12991
1302110015	1302090008	24857	2497
1302110015	1302110016	20370	4022
1302110015	1302011002	211234	20263
1302110015	1302011003	208169	19830
1302110015	1302011001	191856	17864
1302110015	1302011006	206158	19653
1302110015	1302011007	202602	19157
1302110015	1302011004	206618	19645
1302110015	1302011005	205413	19483
1302110015	1302011008	197888	18576
1302110015	1302011009	200371	18878
1302110015	1302100007	13411	1376
1302110015	1302100006	12749	1311
1302110015	1302100005	9189	980
1302110015	1302100004	15193	1640
1302110015	1302100003	20655	2092
1302110015	1302100001	11958	1222
1302110015	1302011010	192927	17947
1302110015	1302101005	27333	2797
1302110015	1302110004	5402	659

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110015	1302030014	136545	13013
1302110015	1302100010	32148	3230
1302110015	1302100011	40564	4267
1302110015	1302030010	142946	13778
1302110015	1302100012	22244	2249
1302110015	1302101001	27938	2872
1302110015	1302101002	32577	3288
1302110015	1302070004	74511	6835
1302110015	1302031008	132022	12684
1302110015	1302030012	138234	13173
1302110015	1302101006	43748	4811
1302110015	1302031004	143166	13732
1302110015	1302031005	126057	11879
1302110015	1302031006	131248	12427
1302110015	1302031007	130775	12436
1302110015	1302031001	131337	12355
1302110015	1302031002	127648	12002
1302110015	1302031003	147092	14268
1302110015	1302020009	160105	15303
1302110015	1302060001	82405	7487
1302110015	1302070001	67864	6109
1302110015	1302101004	41474	4437
1302110015	1302020003	158011	15132
1302110015	1302020001	161505	15408
1302110015	1302020006	152397	14458
1302110015	1302020005	157287	15014
1302110015	1302090012	21930	2242
1302110015	1302090013	24569	2597
1302110015	1302090010	19497	2111
1302110015	1302090011	21049	2343
1302110015	1302090016	26086	2811
1302110015	1302090017	26086	2811
1302110015	1302090014	24901	2618
1302110015	1302090015	25566	2695
1302110015	1302090018	26086	2811
1302110015	1302090019	30598	3298

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110015	1302080001	41534	3921
1302110015	1302080002	45844	4544
1302110015	1302080003	50023	4586
1302110015	1302080004	46163	4294
1302110015	1302080005	42179	4089
1302110015	1302080006	44866	4380
1302110015	1302080007	46180	4562
1302110015	1302080008	48729	4997
1302110015	1302080009	50940	4753
1302110015	1302031010	123572	11615
1302110015	1302070009	73970	7315
1302110015	1302070008	67754	6323
1302110015	1302070007	66887	6192
1302110015	1302070006	62484	5728
1302110015	1302070005	63619	5813
1302110015	1302060009	88847	8681
1302110015	1302070003	57883	5235
1302110015	1302070002	61464	5712
1302110015	1302050010	92615	8361
1302110015	1302100017	13780	1475
1302110015	1302060006	80727	7498
1302110015	1302101003	36758	3681
1302110015	1302060008	83344	7848
1302110015	1302060007	77130	7029
1302110015	1302020011	158635	15185
1302110015	1302020010	162425	15477
1302110015	1302060004	86602	7982
1302110015	1302060005	85352	8088
1302110015	1302020015	157060	14971
1302110015	1302060003	84206	7666
1302110015	1302020017	149239	14184
1302110015	1302020016	154968	14708
1302110015	1302090001	22127	2196
1302110015	1302090003	24633	2587
1302110015	1302090002	24553	2404
1302110015	1302090005	23226	2236

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110015	1302090004	27608	2820
1302110015	1302090007	25068	2465
1302110015	1302090006	17903	1782
1302110015	1302090009	27109	2874
1302110015	1302060002	83628	7901
1302110015	1302070010	79699	8232
1302110015	1302040008	118796	11027
1302110015	1302040009	115290	10740
1302110015	1302070011	59999	5398
1302110015	1302040004	109575	10206
1302110015	1302040005	110070	10300
1302110015	1302040006	108647	10118
1302110015	1302040007	105436	9706
1302110015	1302100013	22244	2249
1302110015	1302040001	113329	10448
1302110015	1302040002	108024	9964
1302110015	1302040003	110394	10338
1302110015	1302021010	163486	15593
1302110015	1302050009	90447	8195
1302110015	1302050008	94136	8547
1302110015	1302100009	17558	1819
1302110015	1302100008	14481	1492
1302110015	1302050005	94932	8629
1302110015	1302050004	101856	9423
1302110015	1302050007	98516	9060
1302110015	1302050006	100944	9316
1302110015	1302050001	102033	9403
1302110015	1302100002	21435	2168
1302110015	1302050003	99733	9044
1302110015	1302050002	96888	8812
1302110015	1302110008	29324	2567
1302110015	1302110009	28498	2682
1302110015	1302110006	18300	1696
1302110015	1302110007	47011	6120
1302110015	1302100014	42184	4555
1302110015	1302110005	8515	910

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110015	1302110002	1526	204
1302110015	1302110003	3696	507
1302110015	1302110001	5965	723
1302110015	1302031009	122736	11514
1302110015	1302040013	114905	10662
1302110015	1302040012	120255	11397
1302110015	1302040011	119870	11168
1302110015	1302040010	115338	10754
1302110015	1302040016	108833	9914
1302110015	1302040015	114438	10855
1302110015	1302040014	118612	11134
1302110015	1302100015	15966	1714
1302110015	1302012010	186356	17943
1302110014	1302110017	7817	1097
1302110014	1302090020	32251	3566
1302110014	1302110011	14266	2373
1302110014	1302110010	5005	649
1302110014	1302110013	2445	313
1302110014	1302110012	14905	1432
1302110014	1302012003	169460	16021
1302110014	1302012002	179954	16979
1302110014	1302012001	176501	16572
1302110014	1302012007	171420	16169
1302110014	1302012006	178736	16831
1302110014	1302012005	186698	17467
1302110014	1302012004	181740	17251
1302110014	1302012009	183395	17523
1302110014	1302012008	169761	16051
1302110014	1302110020	17930	1696
1302110014	1302110021	26285	2329
1302110014	1302110022	24268	2221
1302110014	1302110023	16442	1545
1302110014	1302030009	134559	12825
1302110014	1302030003	139364	13309
1302110014	1302030002	140031	13402
1302110014	1302030001	131302	12576



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110014	1302070012	55001	4990
1302110014	1302030006	133958	12816
1302110014	1302030005	141030	13395
1302110014	1302030004	136412	13000
1302110014	1302090008	24890	2506
1302110014	1302110016	22159	4249
1302110014	1302011002	211267	20271
1302110014	1302011003	208203	19839
1302110014	1302011001	191890	17873
1302110014	1302011006	206192	19662
1302110014	1302011007	202635	19166
1302110014	1302011004	206652	19654
1302110014	1302011005	205447	19492
1302110014	1302011008	197922	18585
1302110014	1302011009	200405	18887
1302110014	1302100007	13444	1385
1302110014	1302100006	12783	1320
1302110014	1302100005	9223	989
1302110014	1302100004	15227	1649
1302110014	1302100003	20688	2102
1302110014	1302100001	11992	1231
1302110014	1302011010	192960	17956
1302110014	1302101005	27367	2806
1302110014	1302110004	5436	668
1302110014	1302030014	136578	13022
1302110014	1302100010	32182	3240
1302110014	1302100011	40598	4277
1302110014	1302030010	142980	13787
1302110014	1302100012	22278	2258
1302110014	1302101001	27972	2881
1302110014	1302101002	32611	3297
1302110014	1302070004	74545	6844
1302110014	1302031008	132056	12693
1302110014	1302030012	138268	13181
1302110014	1302101006	43782	4820
1302110014	1302031004	143200	13741

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110014	1302031005	126091	11888
1302110014	1302031006	131282	12436
1302110014	1302031007	130809	12445
1302110014	1302031001	131371	12364
1302110014	1302031002	127682	12011
1302110014	1302031003	147126	14276
1302110014	1302020009	160139	15312
1302110014	1302060001	82438	7496
1302110014	1302070001	67898	6117
1302110014	1302101004	41507	4446
1302110014	1302020003	158045	15141
1302110014	1302020001	161539	15417
1302110014	1302020006	152431	14466
1302110014	1302020005	157321	15022
1302110014	1302090012	21963	2251
1302110014	1302090013	24603	2606
1302110014	1302090010	19531	2120
1302110014	1302090011	21082	2352
1302110014	1302090016	26120	2820
1302110014	1302090017	26120	2820
1302110014	1302090014	24935	2627
1302110014	1302090015	25600	2704
1302110014	1302090018	26120	2820
1302110014	1302090019	30632	3307
1302110014	1302080001	41568	3930
1302110014	1302080002	45878	4552
1302110014	1302080003	50057	4595
1302110014	1302080004	46196	4303
1302110014	1302080005	42213	4098
1302110014	1302080006	44900	4389
1302110014	1302080007	46214	4571
1302110014	1302080008	48763	5006
1302110014	1302080009	50974	4762
1302110014	1302031010	123606	11624
1302110014	1302070009	74003	7324
1302110014	1302070008	67787	6332

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110014	1302070007	66921	6201
1302110014	1302070006	62517	5737
1302110014	1302070005	63653	5822
1302110014	1302060009	88881	8690
1302110014	1302070003	57917	5244
1302110014	1302070002	61497	5721
1302110014	1302050010	92649	8370
1302110014	1302100017	13813	1484
1302110014	1302060006	80761	7507
1302110014	1302101003	36791	3689
1302110014	1302060008	83378	7857
1302110014	1302060007	77164	7038
1302110014	1302020011	158669	15194
1302110014	1302020010	162459	15486
1302110014	1302060004	86636	7991
1302110014	1302060005	85385	8097
1302110014	1302020015	157094	14980
1302110014	1302060003	84239	7675
1302110014	1302020017	149272	14193
1302110014	1302020016	155002	14717
1302110014	1302090001	22161	2204
1302110014	1302090003	24667	2595
1302110014	1302090002	24587	2413
1302110014	1302090005	23260	2245
1302110014	1302090004	27642	2829
1302110014	1302090007	25102	2474
1302110014	1302090006	17937	1791
1302110014	1302090009	27142	2883
1302110014	1302060002	83662	7910
1302110014	1302070010	79733	8241
1302110014	1302040008	118830	11036
1302110014	1302040009	115324	10749
1302110014	1302070011	60033	5407
1302110014	1302040004	109609	10215
1302110014	1302040005	110103	10309
1302110014	1302040006	108681	10127

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110014	1302040007	105470	9715
1302110014	1302100013	22278	2258
1302110014	1302040001	113363	10457
1302110014	1302040002	108057	9973
1302110014	1302040003	110428	10347
1302110014	1302021010	163520	15602
1302110014	1302050009	90481	8204
1302110014	1302050008	94170	8556
1302110014	1302100009	17592	1828
1302110014	1302100008	14515	1500
1302110014	1302050005	94966	8638
1302110014	1302050004	101890	9432
1302110014	1302050007	98550	9069
1302110014	1302050006	100978	9325
1302110014	1302050001	102067	9412
1302110014	1302100002	21468	2177
1302110014	1302050003	99767	9053
1302110014	1302050002	96922	8821
1302110014	1302110008	29358	2576
1302110014	1302110009	28531	2691
1302110014	1302110006	18333	1705
1302110014	1302110007	47044	6129
1302110014	1302100014	42218	4564
1302110014	1302110005	8549	919
1302110014	1302110002	1560	213
1302110014	1302110003	3730	516
1302110014	1302110001	5998	732
1302110014	1302031009	122770	11523
1302110014	1302040013	114938	10671
1302110014	1302040012	120289	11406
1302110014	1302040011	119904	11177
1302110014	1302040010	115372	10763
1302110014	1302040016	108867	9923
1302110014	1302040015	114472	10864
1302110014	1302040014	118646	11143
1302110014	1302100015	16000	1723

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110014	1302012010	186390	17952
1302110017	1302090020	33762	3865
1302110017	1302110011	6449	1275
1302110017	1302110010	6516	948
1302110017	1302110013	5266	876
1302110017	1302110012	15492	1611
1302110017	1302012003	170972	16320
1302110017	1302012002	181465	17278
1302110017	1302012001	178013	16871
1302110017	1302012007	172932	16467
1302110017	1302012006	180247	17130
1302110017	1302012005	188209	17766
1302110017	1302012004	183251	17550
1302110017	1302012009	184907	17822
1302110017	1302012008	171272	16350
1302110017	1302110020	18516	1875
1302110017	1302110021	26872	2508
1302110017	1302110022	24855	2400
1302110017	1302110023	17029	1724
1302110017	1302030009	136070	13124
1302110017	1302030003	140875	13608
1302110017	1302030002	141542	13701
1302110017	1302030001	132813	12875
1302110017	1302070012	56512	5289
1302110017	1302030006	135469	13114
1302110017	1302030005	142542	13693
1302110017	1302030004	137923	13299
1302110017	1302090008	26402	2805
1302110017	1302110016	13811	2920
1302110017	1302011002	212779	20570
1302110017	1302011003	209714	20138
1302110017	1302011001	193401	18172
1302110017	1302011006	207703	19961
1302110017	1302011007	204147	19465
1302110017	1302011004	208163	19953
1302110017	1302011005	206958	19791

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110017	1302011008	199433	18884
1302110017	1302011009	201916	19186
1302110017	1302100007	14955	1683
1302110017	1302100006	14294	1618
1302110017	1302100005	10734	1288
1302110017	1302100004	16738	1947
1302110017	1302100003	22200	2402
1302110017	1302100001	13503	1529
1302110017	1302011010	194472	18255
1302110017	1302101005	28878	3104
1302110017	1302110004	6023	847
1302110017	1302030014	138090	13321
1302110017	1302100010	33693	3540
1302110017	1302100011	42109	4577
1302110017	1302030010	144491	14086
1302110017	1302100012	23789	2557
1302110017	1302101001	29483	3180
1302110017	1302101002	34122	3596
1302110017	1302070004	76056	7143
1302110017	1302031008	133567	12992
1302110017	1302030012	139779	13480
1302110017	1302101006	45293	5119
1302110017	1302031004	144711	14040
1302110017	1302031005	127602	12187
1302110017	1302031006	132793	12735
1302110017	1302031007	132320	12743
1302110017	1302031001	132882	12663
1302110017	1302031002	129193	12310
1302110017	1302031003	148637	14575
1302110017	1302020009	161650	15611
1302110017	1302060001	83950	7795
1302110017	1302070001	69409	6416
1302110017	1302101004	43019	4745
1302110017	1302020003	159556	15440
1302110017	1302020001	163050	15716
1302110017	1302020006	153942	14765

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110017	1302020005	158832	15321
1302110017	1302090012	23474	2550
1302110017	1302090013	26114	2905
1302110017	1302090010	21042	2419
1302110017	1302090011	22594	2651
1302110017	1302090016	27631	3119
1302110017	1302090017	27631	3119
1302110017	1302090014	26446	2925
1302110017	1302090015	27111	3003
1302110017	1302090018	27631	3119
1302110017	1302090019	32143	3606
1302110017	1302080001	43079	4229
1302110017	1302080002	47389	4851
1302110017	1302080003	51568	4894
1302110017	1302080004	47708	4602
1302110017	1302080005	43724	4397
1302110017	1302080006	46411	4688
1302110017	1302080007	47725	4870
1302110017	1302080008	50274	5305
1302110017	1302080009	52485	5061
1302110017	1302031010	125117	11922
1302110017	1302070009	75514	7622
1302110017	1302070008	69298	6631
1302110017	1302070007	68432	6499
1302110017	1302070006	64029	6036
1302110017	1302070005	65164	6120
1302110017	1302060009	90392	8989
1302110017	1302070003	59428	5543
1302110017	1302070002	63009	6019
1302110017	1302050010	94160	8669
1302110017	1302100017	15325	1783
1302110017	1302060006	82272	7806
1302110017	1302101003	38302	3988
1302110017	1302060008	84889	8155
1302110017	1302060007	78675	7337
1302110017	1302020011	160180	15493

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110017	1302020010	163970	15785
1302110017	1302060004	88147	8290
1302110017	1302060005	86897	8395
1302110017	1302020015	158605	15279
1302110017	1302060003	85751	7974
1302110017	1302020017	150784	14492
1302110017	1302020016	156513	15016
1302110017	1302090001	23672	2503
1302110017	1302090003	26178	2894
1302110017	1302090002	26098	2712
1302110017	1302090005	24771	2544
1302110017	1302090004	29153	3127
1302110017	1302090007	26613	2773
1302110017	1302090006	19448	2090
1302110017	1302090009	28654	3182
1302110017	1302060002	85173	8209
1302110017	1302070010	81244	8540
1302110017	1302040008	120341	11335
1302110017	1302040009	116835	11048
1302110017	1302070011	61544	5706
1302110017	1302040004	111120	10514
1302110017	1302040005	111615	10607
1302110017	1302040006	110192	10426
1302110017	1302040007	106981	10013
1302110017	1302100013	23789	2557
1302110017	1302040001	114874	10756
1302110017	1302040002	109569	10272
1302110017	1302040003	111939	10646
1302110017	1302021010	165031	15901
1302110017	1302050009	91992	8503
1302110017	1302050008	95681	8855
1302110017	1302100009	19103	2127
1302110017	1302100008	16026	1799
1302110017	1302050005	96477	8937
1302110017	1302050004	103401	9731
1302110017	1302050007	100061	9367



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110017	1302050006	102489	9623
1302110017	1302050001	103578	9711
1302110017	1302100002	22980	2476
1302110017	1302050003	101278	9352
1302110017	1302050002	98433	9120
1302110017	1302110008	29945	2755
1302110017	1302110009	29118	2870
1302110017	1302110006	18920	1884
1302110017	1302110007	47631	6308
1302110017	1302100014	43729	4863
1302110017	1302110005	9136	1098
1302110017	1302110002	6151	983
1302110017	1302110003	4317	695
1302110017	1302110001	7510	1031
1302110017	1302031009	124281	11822
1302110017	1302040013	116450	10970
1302110017	1302040012	121800	11704
1302110017	1302040011	121415	11476
1302110017	1302040010	116883	11062
1302110017	1302040016	110378	10222
1302110017	1302040015	115983	11163
1302110017	1302040014	120157	11442
1302110017	1302100015	17511	2021
1302110017	1302012010	187901	18251
1302090020	1302110011	40204	5148
1302090020	1302110010	27239	3009
1302090020	1302110013	29799	3273
1302090020	1302110012	40949	4181
1302090020	1302012003	156569	15344
1302090020	1302012002	167062	16302
1302090020	1302012001	163610	15894
1302090020	1302012007	158529	15491
1302090020	1302012006	165844	16153
1302090020	1302012005	173807	16790
1302090020	1302012004	168848	16574
1302090020	1302012009	170504	16846

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090020	1302012008	156869	15374
1302090020	1302110020	43974	4444
1302090020	1302110021	52329	5077
1302090020	1302110022	50313	4969
1302090020	1302110023	42486	4293
1302090020	1302030009	121667	12147
1302090020	1302030003	126472	12632
1302090020	1302030002	127139	12724
1302090020	1302030001	118410	11898
1302090020	1302070012	42109	4312
1302090020	1302030006	121066	12138
1302090020	1302030005	128139	12717
1302090020	1302030004	123520	12322
1302090020	1302090008	11502	1671
1302090020	1302110016	52028	7516
1302090020	1302011002	198376	19594
1302090020	1302011003	195312	19161
1302090020	1302011001	178998	17195
1302090020	1302011006	193300	18984
1302090020	1302011007	189744	18488
1302090020	1302011004	193761	18976
1302090020	1302011005	192555	18814
1302090020	1302011008	185031	17907
1302090020	1302011009	187513	18209
1302090020	1302100007	21469	2639
1302090020	1302100006	20808	2574
1302090020	1302100005	23021	2659
1302090020	1302100004	18614	2597
1302090020	1302100003	28714	3382
1302090020	1302100001	20252	2429
1302090020	1302011010	180069	17278
1302090020	1302101005	35392	4060
1302090020	1302110004	31480	3416
1302090020	1302030014	123687	12344
1302090020	1302100010	40207	4520
1302090020	1302100011	48623	5557

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090020	1302030010	130088	13109
1302090020	1302100012	30303	3513
1302090020	1302101001	35997	4136
1302090020	1302101002	40636	4552
1302090020	1302070004	61654	6166
1302090020	1302031008	119164	12015
1302090020	1302030012	125376	12504
1302090020	1302101006	51807	6075
1302090020	1302031004	130308	13063
1302090020	1302031005	113199	11210
1302090020	1302031006	118390	11758
1302090020	1302031007	117917	11767
1302090020	1302031001	118480	11686
1302090020	1302031002	114790	11333
1302090020	1302031003	134234	13599
1302090020	1302020009	147247	14634
1302090020	1302060001	69547	6818
1302090020	1302070001	55007	5440
1302090020	1302101004	49533	5700
1302090020	1302020003	145153	14463
1302090020	1302020001	148647	14739
1302090020	1302020006	139539	13789
1302090020	1302020005	144430	14345
1302090020	1302090012	18986	2469
1302090020	1302090013	19326	2634
1302090020	1302090010	22918	3069
1302090020	1302090011	24470	3300
1302090020	1302090016	20844	2848
1302090020	1302090017	20844	2848
1302090020	1302090014	19659	2655
1302090020	1302090015	20324	2732
1302090020	1302090018	20844	2848
1302090020	1302090019	1619	259
1302090020	1302080001	28676	3252
1302090020	1302080002	32986	3875
1302090020	1302080003	37166	3918

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090020	1302080004	33305	3625
1302090020	1302080005	29321	3420
1302090020	1302080006	32008	3711
1302090020	1302080007	33322	3893
1302090020	1302080008	35871	4328
1302090020	1302080009	38083	4084
1302090020	1302031010	110715	10946
1302090020	1302070009	61112	6646
1302090020	1302070008	54896	5655
1302090020	1302070007	54029	5523
1302090020	1302070006	49626	5059
1302090020	1302070005	50761	5144
1302090020	1302060009	75990	8012
1302090020	1302070003	45025	4615
1302090020	1302070002	48606	5094
1302090020	1302050010	79757	7774
1302090020	1302100017	20157	2512
1302090020	1302060006	67869	6913
1302090020	1302101003	44817	4947
1302090020	1302060008	71340	7264
1302090020	1302060007	64272	6431
1302090020	1302020011	145777	14706
1302090020	1302020010	149567	15003
1302090020	1302060004	73744	7383
1302090020	1302060005	72494	7489
1302090020	1302020015	144202	14491
1302090020	1302060003	71348	7084
1302090020	1302020017	136381	13692
1302090020	1302020016	142111	14224
1302090020	1302090001	10972	1644
1302090020	1302090003	19390	2617
1302090020	1302090002	11695	1746
1302090020	1302090005	9315	1392
1302090020	1302090004	4609	737
1302090020	1302090007	12210	1806
1302090020	1302090006	15024	2049

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090020	1302090009	21866	2896
1302090020	1302060002	71624	7305
1302090020	1302070010	66841	7616
1302090020	1302040008	105938	10492
1302090020	1302040009	102432	10196
1302090020	1302070011	47141	4781
1302090020	1302040004	96717	9646
1302090020	1302040005	97212	9759
1302090020	1302040006	95789	9572
1302090020	1302040007	92578	9146
1302090020	1302100013	30303	3545
1302090020	1302040001	100471	9908
1302090020	1302040002	95166	9404
1302090020	1302040003	97537	9778
1302090020	1302021010	150628	15137
1302090020	1302050009	77589	7621
1302090020	1302050008	81278	7985
1302090020	1302100009	25617	3101
1302090020	1302100008	22540	2773
1302090020	1302050005	82074	8062
1302090020	1302050004	88998	8876
1302090020	1302050007	85658	8504
1302090020	1302050006	88086	8767
1302090020	1302050001	89175	8837
1302090020	1302100002	29494	3464
1302090020	1302050003	86875	8481
1302090020	1302050002	84030	8256
1302090020	1302110008	55403	5349
1302090020	1302110009	54576	5448
1302090020	1302110006	44378	4471
1302090020	1302110007	73089	8899
1302090020	1302100014	50243	5821
1302090020	1302110005	34593	3681
1302090020	1302110002	30684	3389
1302090020	1302110003	29774	3279
1302090020	1302110001	26246	2939

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090020	1302031009	109878	10998
1302090020	1302040013	102047	10120
1302090020	1302040012	107397	10859
1302090020	1302040011	107012	10646
1302090020	1302040010	102480	10209
1302090020	1302040016	95975	9354
1302090020	1302040015	101580	10295
1302090020	1302040014	105754	10596
1302090020	1302100015	17497	2442
1302090020	1302012010	173499	17386
1302110011	1302110010	12965	2228
1302110011	1302110013	11715	2152
1302110011	1302110012	21941	2896
1302110011	1302012003	177420	17795
1302110011	1302012002	187914	18772
1302110011	1302012001	184461	18360
1302110011	1302012007	179380	17945
1302110011	1302012006	186696	18623
1302110011	1302012005	194658	19259
1302110011	1302012004	189700	18987
1302110011	1302012009	191355	19229
1302110011	1302012008	177721	17823
1302110011	1302110020	24965	3156
1302110011	1302110021	33321	3807
1302110011	1302110022	31304	3672
1302110011	1302110023	23477	3006
1302110011	1302030009	142519	14549
1302110011	1302030003	147324	15045
1302110011	1302030002	147991	15140
1302110011	1302030001	139262	14307
1302110011	1302070012	62961	6602
1302110011	1302030006	141918	14543
1302110011	1302030005	148990	15131
1302110011	1302030004	144372	14729
1302110011	1302090008	32850	4086
1302110011	1302110016	7374	1726

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110011	1302011002	219227	21989
1302110011	1302011003	216163	21564
1302110011	1302011001	199850	19673
1302110011	1302011006	214152	21340
1302110011	1302011007	210595	20923
1302110011	1302011004	214612	21380
1302110011	1302011005	213407	21224
1302110011	1302011008	205882	20351
1302110011	1302011009	208365	20644
1302110011	1302100007	21404	2953
1302110011	1302100006	20743	2889
1302110011	1302100005	17183	2562
1302110011	1302100004	23187	3199
1302110011	1302100003	28648	3677
1302110011	1302100001	19952	2799
1302110011	1302011010	200920	19758
1302110011	1302101005	35327	4381
1302110011	1302110004	12472	2125
1302110011	1302030014	144538	14753
1302110011	1302100010	40142	4815
1302110011	1302100011	48558	5852
1302110011	1302030010	150940	15529
1302110011	1302100012	30238	3840
1302110011	1302101001	35932	4454
1302110011	1302101002	40571	4849
1302110011	1302070004	82505	8465
1302110011	1302031008	140016	14415
1302110011	1302030012	146228	14912
1302110011	1302101006	51742	6372
1302110011	1302031004	151160	15493
1302110011	1302031005	134051	13619
1302110011	1302031006	139242	14159
1302110011	1302031007	138769	14176
1302110011	1302031001	139331	14087
1302110011	1302031002	135642	13742
1302110011	1302031003	155086	16015

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110011	1302020009	168099	17072
1302110011	1302060001	90398	9150
1302110011	1302070001	75858	7734
1302110011	1302101004	49467	5998
1302110011	1302020003	166005	16899
1302110011	1302020001	169499	17179
1302110011	1302020006	160391	16215
1302110011	1302020005	165281	16780
1302110011	1302090012	29923	3777
1302110011	1302090013	32563	4115
1302110011	1302090010	27491	3663
1302110011	1302090011	29042	3899
1302110011	1302090016	34080	4307
1302110011	1302090017	34080	4307
1302110011	1302090014	32895	4121
1302110011	1302090015	33560	4196
1302110011	1302090018	34080	4307
1302110011	1302090019	38592	4895
1302110011	1302080001	49528	5551
1302110011	1302080002	53838	6135
1302110011	1302080003	58017	6205
1302110011	1302080004	54156	5918
1302110011	1302080005	50173	5735
1302110011	1302080006	52860	6023
1302110011	1302080007	54174	6205
1302110011	1302080008	56723	6564
1302110011	1302080009	58934	6364
1302110011	1302031010	131566	13350
1302110011	1302070009	81963	8945
1302110011	1302070008	75747	7954
1302110011	1302070007	74881	7823
1302110011	1302070006	70477	7369
1302110011	1302070005	71613	7450
1302110011	1302060009	96841	10334
1302110011	1302070003	65877	6863
1302110011	1302070002	69457	7341



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110011	1302050010	100609	10021
1302110011	1302100017	21773	3034
1302110011	1302060006	88721	9160
1302110011	1302101003	44751	5242
1302110011	1302060008	92192	9511
1302110011	1302060007	85124	8679
1302110011	1302020011	166629	16953
1302110011	1302020010	170419	17250
1302110011	1302060004	94596	9630
1302110011	1302060005	93345	9737
1302110011	1302020015	165054	16738
1302110011	1302060003	92199	9331
1302110011	1302020017	157232	15939
1302110011	1302020016	162962	16471
1302110011	1302090001	30121	3762
1302110011	1302090003	32627	4091
1302110011	1302090002	32547	3993
1302110011	1302090005	31220	3821
1302110011	1302090004	35601	4417
1302110011	1302090007	33062	4053
1302110011	1302090006	25897	3351
1302110011	1302090009	35102	4369
1302110011	1302060002	92476	9553
1302110011	1302070010	87692	9863
1302110011	1302040008	126790	12739
1302110011	1302040009	123284	12443
1302110011	1302070011	67993	7028
1302110011	1302040004	117569	11893
1302110011	1302040005	118063	12006
1302110011	1302040006	116641	11819
1302110011	1302040007	113430	11393
1302110011	1302100013	30238	3840
1302110011	1302040001	121323	12155
1302110011	1302040002	116017	11651
1302110011	1302040003	118388	12025
1302110011	1302021010	171480	17385

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110011	1302050009	98441	9868
1302110011	1302050008	102130	10232
1302110011	1302100009	25552	3396
1302110011	1302100008	22475	3068
1302110011	1302050005	102926	10309
1302110011	1302050004	109850	11124
1302110011	1302050007	106510	10751
1302110011	1302050006	108938	11014
1302110011	1302050001	110027	11084
1302110011	1302100002	29428	3759
1302110011	1302050003	107727	10728
1302110011	1302050002	104882	10503
1302110011	1302110008	36394	4044
1302110011	1302110009	35567	4143
1302110011	1302110006	25369	3166
1302110011	1302110007	54080	7594
1302110011	1302100014	50178	6116
1302110011	1302110005	15585	2376
1302110011	1302110002	12600	2256
1302110011	1302110003	10766	1974
1302110011	1302110001	13958	2309
1302110011	1302031009	130730	13245
1302110011	1302040013	122898	12367
1302110011	1302040012	128249	13106
1302110011	1302040011	127864	12893
1302110011	1302040010	123332	12456
1302110011	1302040016	116827	11601
1302110011	1302040015	122432	12542
1302110011	1302040014	126606	12843
1302110011	1302100015	23960	3285
1302110011	1302012010	194350	19633
1302110010	1302110013	2560	261
1302110010	1302110012	13710	1177
1302110010	1302012003	164456	15567
1302110010	1302012002	174949	16544
1302110010	1302012001	171497	16132

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110010	1302012007	166416	15718
1302110010	1302012006	173731	16395
1302110010	1302012005	181693	17031
1302110010	1302012004	176735	16759
1302110010	1302012009	178391	17001
1302110010	1302012008	164756	15595
1302110010	1302110020	16735	1436
1302110010	1302110021	25090	2087
1302110010	1302110022	23073	1953
1302110010	1302110023	15247	1286
1302110010	1302030009	129554	12322
1302110010	1302030003	134359	12817
1302110010	1302030002	135026	12912
1302110010	1302030001	126297	12079
1302110010	1302070012	49996	4374
1302110010	1302030006	128953	12315
1302110010	1302030005	136026	12904
1302110010	1302030004	131407	12501
1302110010	1302090008	19886	1858
1302110010	1302110016	24788	4563
1302110010	1302011002	206263	19761
1302110010	1302011003	203198	19336
1302110010	1302011001	186885	17445
1302110010	1302011006	201187	19112
1302110010	1302011007	197631	18695
1302110010	1302011004	201647	19152
1302110010	1302011005	200442	18996
1302110010	1302011008	192917	18123
1302110010	1302011009	195400	18416
1302110010	1302100007	8439	725
1302110010	1302100006	7778	661
1302110010	1302100005	4218	334
1302110010	1302100004	10222	971
1302110010	1302100003	15684	1449
1302110010	1302100001	6987	571
1302110010	1302011010	187956	17530

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110010	1302101005	22362	2153
1302110010	1302110004	4241	406
1302110010	1302030014	131574	12525
1302110010	1302100010	27177	2587
1302110010	1302100011	35593	3624
1302110010	1302030010	137975	13301
1302110010	1302100012	17273	1612
1302110010	1302101001	22967	2226
1302110010	1302101002	27606	2621
1302110010	1302070004	69540	6237
1302110010	1302031008	127051	12187
1302110010	1302030012	133263	12684
1302110010	1302101006	38777	4144
1302110010	1302031004	138195	13265
1302110010	1302031005	121086	11391
1302110010	1302031006	126277	11932
1302110010	1302031007	125804	11948
1302110010	1302031001	126366	11859
1302110010	1302031002	122677	11514
1302110010	1302031003	142121	13788
1302110010	1302020009	155134	14844
1302110010	1302060001	77434	6922
1302110010	1302070001	62893	5506
1302110010	1302101004	36503	3770
1302110010	1302020003	153040	14671
1302110010	1302020001	156534	14951
1302110010	1302020006	147426	13987
1302110010	1302020005	152316	14553
1302110010	1302090012	16958	1549
1302110010	1302090013	19598	1887
1302110010	1302090010	14526	1435
1302110010	1302090011	16078	1671
1302110010	1302090016	21115	2079
1302110010	1302090017	21115	2079
1302110010	1302090014	19930	1893
1302110010	1302090015	20595	1968

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110010	1302090018	21115	2079
1302110010	1302090019	25627	2668
1302110010	1302080001	36563	3323
1302110010	1302080002	40873	3907
1302110010	1302080003	45052	3977
1302110010	1302080004	41192	3690
1302110010	1302080005	37208	3507
1302110010	1302080006	39895	3795
1302110010	1302080007	41209	3977
1302110010	1302080008	43758	4336
1302110010	1302080009	45969	4136
1302110010	1302031010	118601	11122
1302110010	1302070009	68999	6717
1302110010	1302070008	62783	5726
1302110010	1302070007	61916	5595
1302110010	1302070006	57513	5141
1302110010	1302070005	58648	5222
1302110010	1302060009	83876	8106
1302110010	1302070003	52912	4635
1302110010	1302070002	56493	5113
1302110010	1302050010	87644	7793
1302110010	1302100017	8809	806
1302110010	1302060006	75756	6932
1302110010	1302101003	31787	3014
1302110010	1302060008	79227	7283
1302110010	1302060007	72159	6451
1302110010	1302020011	153664	14726
1302110010	1302020010	157454	15022
1302110010	1302060004	81631	7402
1302110010	1302060005	80381	7509
1302110010	1302020015	152089	14510
1302110010	1302060003	79235	7103
1302110010	1302020017	144268	13711
1302110010	1302020016	149997	14243
1302110010	1302090001	17156	1534
1302110010	1302090003	19662	1863

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110010	1302090002	19582	1765
1302110010	1302090005	18255	1594
1302110010	1302090004	22637	2189
1302110010	1302090007	20097	1825
1302110010	1302090006	12932	1123
1302110010	1302090009	22138	2142
1302110010	1302060002	79511	7325
1302110010	1302070010	74728	7635
1302110010	1302040008	113825	10511
1302110010	1302040009	110319	10215
1302110010	1302070011	55028	4800
1302110010	1302040004	104604	9665
1302110010	1302040005	105099	9778
1302110010	1302040006	103676	9591
1302110010	1302040007	100465	9165
1302110010	1302100013	17273	1612
1302110010	1302040001	108358	9927
1302110010	1302040002	103053	9423
1302110010	1302040003	105423	9797
1302110010	1302021010	158515	15157
1302110010	1302050009	85476	7640
1302110010	1302050008	89165	8004
1302110010	1302100009	12587	1168
1302110010	1302100008	9510	841
1302110010	1302050005	89961	8081
1302110010	1302050004	96885	8896
1302110010	1302050007	93545	8523
1302110010	1302050006	95973	8786
1302110010	1302050001	97062	8856
1302110010	1302100002	16464	1531
1302110010	1302050003	94762	8500
1302110010	1302050002	91917	8275
1302110010	1302110008	28163	2325
1302110010	1302110009	27337	2423
1302110010	1302110006	17138	1446
1302110010	1302110007	45849	5875

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110010	1302100014	37213	3888
1302110010	1302110005	7354	657
1302110010	1302110002	3445	365
1302110010	1302110003	2535	255
1302110010	1302110001	994	82
1302110010	1302031009	117765	11017
1302110010	1302040013	109934	10139
1302110010	1302040012	115284	10878
1302110010	1302040011	114899	10665
1302110010	1302040010	110367	10228
1302110010	1302040016	103862	9373
1302110010	1302040015	109467	10314
1302110010	1302040014	113641	10615
1302110010	1302100015	10995	1057
1302110010	1302012010	181385	17405
1302110013	1302110012	12460	1123
1302110013	1302012003	167016	15903
1302110013	1302012002	177509	16881
1302110013	1302012001	174057	16468
1302110013	1302012007	168976	16054
1302110013	1302012006	176291	16731
1302110013	1302012005	184253	17367
1302110013	1302012004	179295	17095
1302110013	1302012009	180951	17338
1302110013	1302012008	167316	15931
1302110013	1302110020	15485	1382
1302110013	1302110021	23840	2033
1302110013	1302110022	21823	1899
1302110013	1302110023	13997	1232
1302110013	1302030009	132114	12658
1302110013	1302030003	136919	13154
1302110013	1302030002	137586	13249
1302110013	1302030001	128857	12415
1302110013	1302070012	52556	4710
1302110013	1302030006	131513	12651
1302110013	1302030005	138586	13240

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110013	1302030004	133967	12837
1302110013	1302090008	22446	2195
1302110013	1302110016	22228	4302
1302110013	1302011002	208823	20097
1302110013	1302011003	205758	19672
1302110013	1302011001	189445	17782
1302110013	1302011006	203747	19448
1302110013	1302011007	200191	19031
1302110013	1302011004	204207	19488
1302110013	1302011005	203002	19332
1302110013	1302011008	195477	18459
1302110013	1302011009	197960	18753
1302110013	1302100007	10999	1061
1302110013	1302100006	10338	997
1302110013	1302100005	6778	670
1302110013	1302100004	12782	1307
1302110013	1302100003	18244	1785
1302110013	1302100001	9547	907
1302110013	1302011010	190516	17866
1302110013	1302101005	24922	2490
1302110013	1302110004	2991	352
1302110013	1302030014	134134	12861
1302110013	1302100010	29737	2923
1302110013	1302100011	38153	3961
1302110013	1302030010	140535	13637
1302110013	1302100012	19833	1948
1302110013	1302101001	25527	2562
1302110013	1302101002	30166	2958
1302110013	1302070004	72100	6573
1302110013	1302031008	129611	12524
1302110013	1302030012	135823	13020
1302110013	1302101006	41337	4480
1302110013	1302031004	140755	13601
1302110013	1302031005	123646	11727
1302110013	1302031006	128837	12268
1302110013	1302031007	128364	12284



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110013	1302031001	128926	12195
1302110013	1302031002	125237	11850
1302110013	1302031003	144681	14124
1302110013	1302020009	157694	15180
1302110013	1302060001	79994	7258
1302110013	1302070001	65453	5842
1302110013	1302101004	39063	4106
1302110013	1302020003	155600	15007
1302110013	1302020001	159094	15288
1302110013	1302020006	149986	14323
1302110013	1302020005	154876	14889
1302110013	1302090012	19518	1885
1302110013	1302090013	22158	2223
1302110013	1302090010	17086	1771
1302110013	1302090011	18638	2007
1302110013	1302090016	23675	2415
1302110013	1302090017	23675	2415
1302110013	1302090014	22490	2229
1302110013	1302090015	23155	2304
1302110013	1302090018	23675	2415
1302110013	1302090019	28187	3004
1302110013	1302080001	39123	3659
1302110013	1302080002	43433	4244
1302110013	1302080003	47612	4313
1302110013	1302080004	43752	4026
1302110013	1302080005	39768	3843
1302110013	1302080006	42455	4131
1302110013	1302080007	43769	4313
1302110013	1302080008	46318	4672
1302110013	1302080009	48529	4473
1302110013	1302031010	121161	11458
1302110013	1302070009	71558	7054
1302110013	1302070008	65342	6062
1302110013	1302070007	64476	5931
1302110013	1302070006	60073	5477
1302110013	1302070005	61208	5558

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110013	1302060009	86436	8442
1302110013	1302070003	55472	4971
1302110013	1302070002	59053	5449
1302110013	1302050010	90204	8129
1302110013	1302100017	11369	1142
1302110013	1302060006	78316	7269
1302110013	1302101003	34346	3350
1302110013	1302060008	81787	7620
1302110013	1302060007	74719	6787
1302110013	1302020011	156224	15062
1302110013	1302020010	160014	15358
1302110013	1302060004	84191	7738
1302110013	1302060005	82941	7845
1302110013	1302020015	154649	14846
1302110013	1302060003	81795	7440
1302110013	1302020017	146828	14047
1302110013	1302020016	152557	14579
1302110013	1302090001	19716	1870
1302110013	1302090003	22222	2199
1302110013	1302090002	22142	2101
1302110013	1302090005	20815	1930
1302110013	1302090004	25197	2525
1302110013	1302090007	22657	2161
1302110013	1302090006	15492	1459
1302110013	1302090009	24698	2478
1302110013	1302060002	82071	7661
1302110013	1302070010	77288	7971
1302110013	1302040008	116385	10847
1302110013	1302040009	112879	10551
1302110013	1302070011	57588	5137
1302110013	1302040004	107164	10001
1302110013	1302040005	107659	10114
1302110013	1302040006	106236	9927
1302110013	1302040007	103025	9501
1302110013	1302100013	19833	1948
1302110013	1302040001	110918	10263

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110013	1302040002	105613	9760
1302110013	1302040003	107983	10133
1302110013	1302021010	161075	15493
1302110013	1302050009	88036	7976
1302110013	1302050008	91725	8340
1302110013	1302100009	15147	1505
1302110013	1302100008	12070	1177
1302110013	1302050005	92521	8418
1302110013	1302050004	99445	9232
1302110013	1302050007	96105	8859
1302110013	1302050006	98533	9122
1302110013	1302050001	99622	9192
1302110013	1302100002	19024	1867
1302110013	1302050003	97322	8837
1302110013	1302050002	94477	8612
1302110013	1302110008	26913	2271
1302110013	1302110009	26087	2369
1302110013	1302110006	15889	1392
1302110013	1302110007	44600	5821
1302110013	1302100014	39773	4224
1302110013	1302110005	6104	603
1302110013	1302110002	885	104
1302110013	1302110003	1285	201
1302110013	1302110001	3554	418
1302110013	1302031009	120325	11354
1302110013	1302040013	112494	10475
1302110013	1302040012	117844	11214
1302110013	1302040011	117459	11001
1302110013	1302040010	112927	10564
1302110013	1302040016	106422	9709
1302110013	1302040015	112027	10651
1302110013	1302040014	116201	10951
1302110013	1302100015	13555	1393
1302110013	1302012010	183945	17741
1302110012	1302012003	178166	16749
1302110012	1302012002	188659	17727

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110012	1302012001	185207	17314
1302110012	1302012007	180126	16900
1302110012	1302012006	187441	17577
1302110012	1302012005	195403	18214
1302110012	1302012004	190445	17941
1302110012	1302012009	192101	18184
1302110012	1302012008	178466	16778
1302110012	1302110020	3025	260
1302110012	1302110021	11380	910
1302110012	1302110022	9363	776
1302110012	1302110023	1537	109
1302110012	1302030009	143264	13504
1302110012	1302030003	148069	14000
1302110012	1302030002	148736	14095
1302110012	1302030001	140007	13261
1302110012	1302070012	63706	5557
1302110012	1302030006	142663	13497
1302110012	1302030005	149736	14086
1302110012	1302030004	145117	13683
1302110012	1302090008	33596	3041
1302110012	1302110016	34689	5409
1302110012	1302011002	219973	20944
1302110012	1302011003	216908	20519
1302110012	1302011001	200595	18628
1302110012	1302011006	214897	20294
1302110012	1302011007	211341	19878
1302110012	1302011004	215357	20334
1302110012	1302011005	214152	20178
1302110012	1302011008	206627	19305
1302110012	1302011009	209110	19599
1302110012	1302100007	22150	1907
1302110012	1302100006	21488	1843
1302110012	1302100005	17928	1517
1302110012	1302100004	23932	2154
1302110012	1302100003	29394	2632
1302110012	1302100001	20697	1754

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110012	1302011010	201666	18712
1302110012	1302101005	36072	3336
1302110012	1302110004	9469	758
1302110012	1302030014	145284	13707
1302110012	1302100010	40887	3769
1302110012	1302100011	49303	4807
1302110012	1302030010	151685	14483
1302110012	1302100012	30983	2794
1302110012	1302101001	36677	3408
1302110012	1302101002	41316	3804
1302110012	1302070004	83250	7420
1302110012	1302031008	140761	13370
1302110012	1302030012	146973	13867
1302110012	1302101006	52487	5326
1302110012	1302031004	151905	14447
1302110012	1302031005	134796	12573
1302110012	1302031006	139987	13114
1302110012	1302031007	139514	13130
1302110012	1302031001	140076	13041
1302110012	1302031002	136387	12697
1302110012	1302031003	155831	14970
1302110012	1302020009	168844	16026
1302110012	1302060001	91144	8104
1302110012	1302070001	76603	6688
1302110012	1302101004	50213	4952
1302110012	1302020003	166750	15854
1302110012	1302020001	170244	16134
1302110012	1302020006	161136	15169
1302110012	1302020005	166026	15735
1302110012	1302090012	30669	2731
1302110012	1302090013	33308	3069
1302110012	1302090010	28236	2618
1302110012	1302090011	29788	2854
1302110012	1302090016	34825	3261
1302110012	1302090017	34825	3261
1302110012	1302090014	33640	3076

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110012	1302090015	34305	3150
1302110012	1302090018	34825	3261
1302110012	1302090019	39337	3850
1302110012	1302080001	50273	4505
1302110012	1302080002	54583	5090
1302110012	1302080003	58762	5160
1302110012	1302080004	54902	4873
1302110012	1302080005	50918	4690
1302110012	1302080006	53605	4977
1302110012	1302080007	54919	5159
1302110012	1302080008	57468	5518
1302110012	1302080009	59679	5319
1302110012	1302031010	132311	12304
1302110012	1302070009	82709	7900
1302110012	1302070008	76493	6909
1302110012	1302070007	75626	6777
1302110012	1302070006	71223	6324
1302110012	1302070005	72358	6405
1302110012	1302060009	97586	9288
1302110012	1302070003	66622	5817
1302110012	1302070002	70203	6295
1302110012	1302050010	101354	8975
1302110012	1302100017	22519	1989
1302110012	1302060006	89466	8115
1302110012	1302101003	45497	4196
1302110012	1302060008	92937	8466
1302110012	1302060007	85869	7633
1302110012	1302020011	167374	15908
1302110012	1302020010	171164	16204
1302110012	1302060004	95341	8585
1302110012	1302060005	94091	8691
1302110012	1302020015	165799	15692
1302110012	1302060003	92945	8286
1302110012	1302020017	157978	14894
1302110012	1302020016	163707	15425
1302110012	1302090001	30866	2717

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110012	1302090003	33372	3045
1302110012	1302090002	33292	2948
1302110012	1302090005	31965	2776
1302110012	1302090004	36347	3372
1302110012	1302090007	33807	3007
1302110012	1302090006	26642	2305
1302110012	1302090009	35848	3324
1302110012	1302060002	93221	8507
1302110012	1302070010	88438	8818
1302110012	1302040008	127535	11694
1302110012	1302040009	124029	11397
1302110012	1302070011	68738	5983
1302110012	1302040004	118314	10847
1302110012	1302040005	118809	10961
1302110012	1302040006	117386	10773
1302110012	1302040007	114175	10347
1302110012	1302100013	30983	2794
1302110012	1302040001	122068	11109
1302110012	1302040002	116763	10606
1302110012	1302040003	119133	10980
1302110012	1302021010	172225	16339
1302110012	1302050009	99186	8823
1302110012	1302050008	102875	9186
1302110012	1302100009	26297	2351
1302110012	1302100008	23220	2023
1302110012	1302050005	103671	9264
1302110012	1302050004	110595	10078
1302110012	1302050007	107255	9705
1302110012	1302050006	109683	9968
1302110012	1302050001	110772	10038
1302110012	1302100002	30174	2713
1302110012	1302050003	108472	9683
1302110012	1302050002	105627	9458
1302110012	1302110008	14453	1148
1302110012	1302110009	13627	1246
1302110012	1302110006	3428	269

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110012	1302110007	32139	4698
1302110012	1302100014	50923	5071
1302110012	1302110005	6356	509
1302110012	1302110002	13345	1210
1302110012	1302110003	11221	963
1302110012	1302110001	14704	1264
1302110012	1302031009	131475	12200
1302110012	1302040013	123644	11322
1302110012	1302040012	128994	12061
1302110012	1302040011	128609	11847
1302110012	1302040010	124077	11410
1302110012	1302040016	117572	10555
1302110012	1302040015	123177	11497
1302110012	1302040014	127351	11798
1302110012	1302100015	24705	2239
1302110012	1302012010	195096	18588
1302012003	1302012002	11060	1062
1302012003	1302012001	7607	649
1302012003	1302012007	2526	235
1302012003	1302012006	9842	912
1302012003	1302012005	17804	1549
1302012003	1302012004	12846	1276
1302012003	1302012009	14501	1519
1302012003	1302012008	301	28
1302012003	1302110020	181185	16911
1302012003	1302110021	189540	17562
1302012003	1302110022	187523	17427
1302012003	1302110023	179697	16761
1302012003	1302030009	37774	3712
1302012003	1302030003	42579	4208
1302012003	1302030002	43246	4303
1302012003	1302030001	50564	5297
1302012003	1302070012	114460	11106
1302012003	1302030006	35920	3481
1302012003	1302030005	28430	2785
1302012003	1302030004	39627	3892



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012003	1302090008	145485	13782
1302012003	1302110016	189239	20038
1302012003	1302011002	42373	4279
1302012003	1302011003	39309	3854
1302012003	1302011001	22996	1963
1302012003	1302011006	37298	3629
1302012003	1302011007	33741	3213
1302012003	1302011004	37758	3669
1302012003	1302011005	36553	3513
1302012003	1302011008	29028	2640
1302012003	1302011009	31511	2934
1302012003	1302100007	158680	15108
1302012003	1302100006	158019	15044
1302012003	1302100005	160232	15130
1302012003	1302100004	155825	15065
1302012003	1302100003	165924	15832
1302012003	1302100001	157463	14904
1302012003	1302011010	24066	2047
1302012003	1302101005	172603	16536
1302012003	1302110004	168691	15880
1302012003	1302030014	32882	3164
1302012003	1302100010	177418	16970
1302012003	1302100011	185834	18007
1302012003	1302030010	46195	4692
1302012003	1302100012	167514	15995
1302012003	1302101001	173208	16609
1302012003	1302101002	177847	17004
1302012003	1302070004	106636	10521
1302012003	1302031008	46983	4976
1302012003	1302030012	41483	4075
1302012003	1302101006	189018	18527
1302012003	1302031004	46415	4656
1302012003	1302031005	43207	4347
1302012003	1302031006	40952	4157
1302012003	1302031007	50071	5165
1302012003	1302031001	38089	3830

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012003	1302031002	46944	4732
1302012003	1302031003	50341	5178
1302012003	1302020009	9322	799
1302012003	1302060001	87022	8597
1302012003	1302070001	101562	9968
1302012003	1302101004	186744	18153
1302012003	1302020003	11856	1142
1302012003	1302020001	7922	690
1302012003	1302020006	17030	1702
1302012003	1302020005	12230	1145
1302012003	1302090012	156197	14913
1302012003	1302090013	156537	15091
1302012003	1302090010	160129	15529
1302012003	1302090011	161680	15765
1302012003	1302090016	158054	15283
1302012003	1302090017	158054	15283
1302012003	1302090014	156870	15098
1302012003	1302090015	157535	15172
1302012003	1302090018	158054	15283
1302012003	1302090019	155350	15134
1302012003	1302080001	127965	12199
1302012003	1302080002	133045	12865
1302012003	1302080003	119403	11504
1302012003	1302080004	123264	11788
1302012003	1302080005	129119	12343
1302012003	1302080006	132067	12753
1302012003	1302080007	133381	12934
1302012003	1302080008	135931	13294
1302012003	1302080009	120010	11696
1302012003	1302031010	45692	4616
1302012003	1302070009	118825	12208
1302012003	1302070008	112609	11217
1302012003	1302070007	111743	11086
1302012003	1302070006	109552	10855
1302012003	1302070005	108475	10713
1302012003	1302060009	94738	9862

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012003	1302070003	111544	10854
1302012003	1302070002	109750	10845
1302012003	1302050010	82503	8374
1302012003	1302100017	157368	14962
1302012003	1302060006	90279	9066
1302012003	1302101003	182027	17397
1302012003	1302060008	98612	9883
1302012003	1302060007	92359	9115
1302012003	1302020011	10791	963
1302012003	1302020010	7001	618
1302012003	1302060004	88719	8948
1302012003	1302060005	90620	9187
1302012003	1302020015	12367	1142
1302012003	1302060003	85221	8415
1302012003	1302020017	20188	1977
1302012003	1302020016	14458	1446
1302012003	1302090001	148183	14094
1302012003	1302090003	156601	15067
1302012003	1302090002	145196	13775
1302012003	1302090005	147579	14110
1302012003	1302090004	152360	14655
1302012003	1302090007	145576	13835
1302012003	1302090006	152235	14499
1302012003	1302090009	159077	15346
1302012003	1302060002	98896	9924
1302012003	1302070010	124555	13126
1302012003	1302040008	56284	5567
1302012003	1302040009	56426	5657
1302012003	1302070011	109428	10690
1302012003	1302040004	61766	6489
1302012003	1302040005	68182	7189
1302012003	1302040006	66759	7002
1302012003	1302040007	63079	6490
1302012003	1302100013	167514	15995
1302012003	1302040001	56098	5676
1302012003	1302040002	60491	6235

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012003	1302040003	62585	6621
1302012003	1302021010	18453	1761
1302012003	1302050009	79124	7928
1302012003	1302050008	76720	7874
1302012003	1302100009	162828	15551
1302012003	1302100008	159751	15223
1302012003	1302050005	73582	7502
1302012003	1302050004	68893	7069
1302012003	1302050007	74402	7803
1302012003	1302050006	72652	7580
1302012003	1302050001	66482	6798
1302012003	1302100002	166704	15914
1302012003	1302050003	69717	7055
1302012003	1302050002	73861	7663
1302012003	1302110008	192613	17799
1302012003	1302110009	191787	17898
1302012003	1302110006	181589	16921
1302012003	1302110007	210300	21350
1302012003	1302100014	187454	18271
1302012003	1302110005	171804	16131
1302012003	1302110002	167895	15839
1302012003	1302110003	166985	15729
1302012003	1302110001	163456	15389
1302012003	1302031009	46510	4718
1302012003	1302040013	55653	5639
1302012003	1302040012	58274	6015
1302012003	1302040011	49556	4938
1302012003	1302040010	54432	5430
1302012003	1302040016	62482	6365
1302012003	1302040015	60959	6508
1302012003	1302040014	56631	5753
1302012003	1302100015	154708	14892
1302012003	1302012010	17496	1922
1302012002	1302012001	3479	400
1302012002	1302012007	8533	774
1302012002	1302012006	1331	205

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012002	1302012005	7010	643
1302012002	1302012004	6801	744
1302012002	1302012009	8457	987
1302012002	1302012008	11360	1052
1302012002	1302110020	191678	17762
1302012002	1302110021	200034	18413
1302012002	1302110022	198017	18279
1302012002	1302110023	190190	17612
1302012002	1302030009	48268	4564
1302012002	1302030003	53073	5059
1302012002	1302030002	53740	5154
1302012002	1302030001	61057	6148
1302012002	1302070012	124953	11957
1302012002	1302030006	46413	4332
1302012002	1302030005	38923	3636
1302012002	1302030004	50120	4743
1302012002	1302090008	155979	14633
1302012002	1302110016	199732	20889
1302012002	1302011002	31579	3373
1302012002	1302011003	28515	2948
1302012002	1302011001	12202	1057
1302012002	1302011006	26504	2724
1302012002	1302011007	22947	2307
1302012002	1302011004	26964	2763
1302012002	1302011005	25758	2608
1302012002	1302011008	18234	1735
1302012002	1302011009	20717	2028
1302012002	1302100007	169174	15959
1302012002	1302100006	168513	15895
1302012002	1302100005	170725	15981
1302012002	1302100004	166319	15916
1302012002	1302100003	176418	16683
1302012002	1302100001	167956	15755
1302012002	1302011010	13272	1141
1302012002	1302101005	183097	17387
1302012002	1302110004	179185	16731

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012002	1302030014	43375	4016
1302012002	1302100010	187911	17821
1302012002	1302100011	196328	18859
1302012002	1302030010	56689	5543
1302012002	1302100012	178007	16846
1302012002	1302101001	183702	17460
1302012002	1302101002	188340	17856
1302012002	1302070004	117129	11372
1302012002	1302031008	57477	5827
1302012002	1302030012	51977	4926
1302012002	1302101006	199511	19378
1302012002	1302031004	56908	5507
1302012002	1302031005	53701	5198
1302012002	1302031006	51445	5008
1302012002	1302031007	60564	6017
1302012002	1302031001	48583	4681
1302012002	1302031002	57437	5583
1302012002	1302031003	60835	6029
1302012002	1302020009	19815	1650
1302012002	1302060001	97515	9448
1302012002	1302070001	112056	10819
1302012002	1302101004	197237	19004
1302012002	1302020003	22349	1993
1302012002	1302020001	18415	1541
1302012002	1302020006	27523	2553
1302012002	1302020005	22723	1996
1302012002	1302090012	166691	15765
1302012002	1302090013	167031	15942
1302012002	1302090010	170622	16380
1302012002	1302090011	172174	16616
1302012002	1302090016	168548	16134
1302012002	1302090017	168548	16134
1302012002	1302090014	167363	15949
1302012002	1302090015	168028	16024
1302012002	1302090018	168548	16134
1302012002	1302090019	165843	15985

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012002	1302080001	138458	13050
1302012002	1302080002	143539	13716
1302012002	1302080003	129897	12355
1302012002	1302080004	133757	12639
1302012002	1302080005	139613	13194
1302012002	1302080006	142561	13604
1302012002	1302080007	143875	13785
1302012002	1302080008	146424	14145
1302012002	1302080009	130503	12547
1302012002	1302031010	56185	5467
1302012002	1302070009	129319	13060
1302012002	1302070008	123103	12068
1302012002	1302070007	122236	11937
1302012002	1302070006	120045	11706
1302012002	1302070005	118969	11564
1302012002	1302060009	105231	10714
1302012002	1302070003	122037	11705
1302012002	1302070002	120244	11696
1302012002	1302050010	92997	9225
1302012002	1302100017	167861	15813
1302012002	1302060006	100772	9917
1302012002	1302101003	192521	18248
1302012002	1302060008	109105	10734
1302012002	1302060007	102853	9966
1302012002	1302020011	21285	1815
1302012002	1302020010	17495	1470
1302012002	1302060004	99213	9799
1302012002	1302060005	101114	10038
1302012002	1302020015	22860	1993
1302012002	1302060003	95714	9266
1302012002	1302020017	30681	2829
1302012002	1302020016	24952	2297
1302012002	1302090001	158676	14945
1302012002	1302090003	167095	15919
1302012002	1302090002	155689	14626
1302012002	1302090005	158073	14962

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012002	1302090004	162853	15506
1302012002	1302090007	156069	14686
1302012002	1302090006	162729	15350
1302012002	1302090009	169570	16197
1302012002	1302060002	109389	10775
1302012002	1302070010	135048	13977
1302012002	1302040008	66778	6418
1302012002	1302040009	66920	6509
1302012002	1302070011	119921	11541
1302012002	1302040004	72259	7340
1302012002	1302040005	78676	8041
1302012002	1302040006	77253	7853
1302012002	1302040007	73572	7341
1302012002	1302100013	178007	16846
1302012002	1302040001	66591	6528
1302012002	1302040002	70984	7086
1302012002	1302040003	73079	7473
1302012002	1302021010	28946	2612
1302012002	1302050009	89617	8779
1302012002	1302050008	87213	8725
1302012002	1302100009	173322	16403
1302012002	1302100008	170245	16075
1302012002	1302050005	84076	8354
1302012002	1302050004	79386	7921
1302012002	1302050007	84895	8655
1302012002	1302050006	83145	8432
1302012002	1302050001	76975	7650
1302012002	1302100002	177198	16765
1302012002	1302050003	80211	7906
1302012002	1302050002	84355	8515
1302012002	1302110008	203107	18650
1302012002	1302110009	202280	18749
1302012002	1302110006	192082	17772
1302012002	1302110007	220793	22201
1302012002	1302100014	197947	19122
1302012002	1302110005	182298	16983



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012002	1302110002	178389	16691
1302012002	1302110003	177479	16581
1302012002	1302110001	173950	16240
1302012002	1302031009	57004	5569
1302012002	1302040013	66146	6490
1302012002	1302040012	68768	6867
1302012002	1302040011	60050	5790
1302012002	1302040010	64925	6281
1302012002	1302040016	72976	7216
1302012002	1302040015	71452	7359
1302012002	1302040014	67125	6604
1302012002	1302100015	165201	15744
1302012002	1302012010	11451	1391
1302012001	1302012007	5081	462
1302012001	1302012006	2261	251
1302012001	1302012005	10223	887
1302012001	1302012004	5265	614
1302012001	1302012009	6920	857
1302012001	1302012008	7908	741
1302012001	1302110020	188226	17451
1302012001	1302110021	196581	18102
1302012001	1302110022	194565	17967
1302012001	1302110023	186738	17300
1302012001	1302030009	44816	4252
1302012001	1302030003	49620	4748
1302012001	1302030002	50287	4843
1302012001	1302030001	57605	5837
1302012001	1302070012	121501	11646
1302012001	1302030006	42961	4021
1302012001	1302030005	35471	3325
1302012001	1302030004	46668	4432
1302012001	1302090008	152526	14321
1302012001	1302110016	196280	20577
1302012001	1302011002	34792	3617
1302012001	1302011003	31728	3192
1302012001	1302011001	15415	1301

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012001	1302011006	29717	2968
1302012001	1302011007	26160	2551
1302012001	1302011004	30177	3007
1302012001	1302011005	28972	2852
1302012001	1302011008	21447	1979
1302012001	1302011009	23930	2272
1302012001	1302100007	165721	15648
1302012001	1302100006	165060	15583
1302012001	1302100005	167273	15670
1302012001	1302100004	162866	15605
1302012001	1302100003	172966	16372
1302012001	1302100001	164504	15444
1302012001	1302011010	16485	1386
1302012001	1302101005	179644	17076
1302012001	1302110004	175732	16420
1302012001	1302030014	39923	3704
1302012001	1302100010	184459	17510
1302012001	1302100011	192875	18547
1302012001	1302030010	53237	5232
1302012001	1302100012	174555	16534
1302012001	1302101001	180249	17149
1302012001	1302101002	184888	17544
1302012001	1302070004	113677	11061
1302012001	1302031008	54024	5516
1302012001	1302030012	48524	4615
1302012001	1302101006	196059	19067
1302012001	1302031004	53456	5196
1302012001	1302031005	50248	4887
1302012001	1302031006	47993	4697
1302012001	1302031007	57112	5705
1302012001	1302031001	45130	4370
1302012001	1302031002	53985	5272
1302012001	1302031003	57382	5718
1302012001	1302020009	16363	1339
1302012001	1302060001	94063	9137
1302012001	1302070001	108603	10507

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012001	1302101004	193785	18693
1302012001	1302020003	18897	1682
1302012001	1302020001	14963	1230
1302012001	1302020006	24071	2242
1302012001	1302020005	19271	1684
1302012001	1302090012	163238	15453
1302012001	1302090013	163578	15631
1302012001	1302090010	167170	16069
1302012001	1302090011	168722	16305
1302012001	1302090016	165096	15823
1302012001	1302090017	165096	15823
1302012001	1302090014	163911	15637
1302012001	1302090015	164576	15712
1302012001	1302090018	165096	15823
1302012001	1302090019	162391	15673
1302012001	1302080001	135006	12739
1302012001	1302080002	140086	13405
1302012001	1302080003	126444	12044
1302012001	1302080004	130305	12328
1302012001	1302080005	136160	12883
1302012001	1302080006	139109	13292
1302012001	1302080007	140422	13474
1302012001	1302080008	142972	13833
1302012001	1302080009	127051	12235
1302012001	1302031010	52733	5156
1302012001	1302070009	125866	12748
1302012001	1302070008	119650	11757
1302012001	1302070007	118784	11626
1302012001	1302070006	116593	11394
1302012001	1302070005	115516	11253
1302012001	1302060009	101779	10402
1302012001	1302070003	118585	11394
1302012001	1302070002	116792	11385
1302012001	1302050010	89545	8913
1302012001	1302100017	164409	15502
1302012001	1302060006	97320	9606

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012001	1302101003	189069	17937
1302012001	1302060008	105653	10422
1302012001	1302060007	99400	9655
1302012001	1302020011	17833	1503
1302012001	1302020010	14043	1158
1302012001	1302060004	95760	9488
1302012001	1302060005	97661	9727
1302012001	1302020015	19408	1682
1302012001	1302060003	92262	8955
1302012001	1302020017	27229	2517
1302012001	1302020016	21499	1986
1302012001	1302090001	155224	14634
1302012001	1302090003	163642	15607
1302012001	1302090002	152237	14315
1302012001	1302090005	154620	14650
1302012001	1302090004	159401	15195
1302012001	1302090007	152617	14375
1302012001	1302090006	159276	15038
1302012001	1302090009	166118	15886
1302012001	1302060002	105937	10464
1302012001	1302070010	131596	13666
1302012001	1302040008	63326	6107
1302012001	1302040009	63467	6197
1302012001	1302070011	116469	11230
1302012001	1302040004	68807	7029
1302012001	1302040005	75223	7729
1302012001	1302040006	73801	7542
1302012001	1302040007	70120	7030
1302012001	1302100013	174555	16534
1302012001	1302040001	63139	6216
1302012001	1302040002	67532	6774
1302012001	1302040003	69626	7161
1302012001	1302021010	25494	2301
1302012001	1302050009	86165	8468
1302012001	1302050008	83761	8414
1302012001	1302100009	169869	16091

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012001	1302100008	166792	15763
1302012001	1302050005	80623	8042
1302012001	1302050004	75934	7609
1302012001	1302050007	81443	8343
1302012001	1302050006	79693	8120
1302012001	1302050001	73523	7338
1302012001	1302100002	173746	16454
1302012001	1302050003	76758	7595
1302012001	1302050002	80902	8203
1302012001	1302110008	199655	18339
1302012001	1302110009	198828	18437
1302012001	1302110006	188630	17461
1302012001	1302110007	217341	21889
1302012001	1302100014	194495	18811
1302012001	1302110005	178845	16671
1302012001	1302110002	174936	16379
1302012001	1302110003	174026	16269
1302012001	1302110001	170498	15929
1302012001	1302031009	53551	5257
1302012001	1302040013	62694	6178
1302012001	1302040012	65315	6555
1302012001	1302040011	56598	5478
1302012001	1302040010	61473	5970
1302012001	1302040016	69524	6905
1302012001	1302040015	68000	7048
1302012001	1302040014	63672	6292
1302012001	1302100015	161749	15432
1302012001	1302012010	9915	1261
1302012007	1302012006	7315	677
1302012007	1302012005	15278	1314
1302012007	1302012004	10320	1041
1302012007	1302012009	11975	1284
1302012007	1302012008	2827	279
1302012007	1302110020	183145	16988
1302012007	1302110021	191500	17639
1302012007	1302110022	189484	17505

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012007	1302110023	181657	16838
1302012007	1302030009	39735	3790
1302012007	1302030003	44539	4286
1302012007	1302030002	45206	4381
1302012007	1302030001	52524	5374
1302012007	1302070012	116420	11183
1302012007	1302030006	37880	3558
1302012007	1302030005	30390	2863
1302012007	1302030004	41587	3969
1302012007	1302090008	147445	13859
1302012007	1302110016	191199	20115
1302012007	1302011002	39847	4044
1302012007	1302011003	36783	3619
1302012007	1302011001	20470	1728
1302012007	1302011006	34771	3394
1302012007	1302011007	31215	2978
1302012007	1302011004	35232	3434
1302012007	1302011005	34026	3278
1302012007	1302011008	26502	2405
1302012007	1302011009	28984	2699
1302012007	1302100007	160640	15185
1302012007	1302100006	159979	15121
1302012007	1302100005	162192	15207
1302012007	1302100004	157785	15143
1302012007	1302100003	167885	15910
1302012007	1302100001	159423	14981
1302012007	1302011010	21540	1812
1302012007	1302101005	174563	16614
1302012007	1302110004	170651	15957
1302012007	1302030014	34842	3242
1302012007	1302100010	179378	17047
1302012007	1302100011	187794	18085
1302012007	1302030010	48156	4769
1302012007	1302100012	169474	16072
1302012007	1302101001	175168	16686
1302012007	1302101002	179807	17082

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012007	1302070004	108596	10598
1302012007	1302031008	48943	5054
1302012007	1302030012	43443	4152
1302012007	1302101006	190978	18604
1302012007	1302031004	48375	4733
1302012007	1302031005	45167	4424
1302012007	1302031006	42912	4235
1302012007	1302031007	52031	5243
1302012007	1302031001	40049	3907
1302012007	1302031002	48904	4809
1302012007	1302031003	52301	5256
1302012007	1302020009	11282	876
1302012007	1302060001	88982	8674
1302012007	1302070001	103522	10045
1302012007	1302101004	188704	18230
1302012007	1302020003	13816	1220
1302012007	1302020001	9882	767
1302012007	1302020006	18990	1779
1302012007	1302020005	14190	1222
1302012007	1302090012	158157	14991
1302012007	1302090013	158497	15168
1302012007	1302090010	162089	15607
1302012007	1302090011	163641	15843
1302012007	1302090016	160015	15361
1302012007	1302090017	160015	15361
1302012007	1302090014	158830	15175
1302012007	1302090015	159495	15250
1302012007	1302090018	160015	15361
1302012007	1302090019	157310	15211
1302012007	1302080001	129925	12277
1302012007	1302080002	135005	12942
1302012007	1302080003	121363	11581
1302012007	1302080004	125224	11865
1302012007	1302080005	131079	12420
1302012007	1302080006	134028	12830
1302012007	1302080007	135341	13012

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012007	1302080008	137891	13371
1302012007	1302080009	121970	11773
1302012007	1302031010	47652	4693
1302012007	1302070009	120785	12286
1302012007	1302070008	114569	11295
1302012007	1302070007	113703	11163
1302012007	1302070006	111512	10932
1302012007	1302070005	110435	10791
1302012007	1302060009	96698	9940
1302012007	1302070003	113504	10931
1302012007	1302070002	111711	10923
1302012007	1302050010	84464	8451
1302012007	1302100017	159328	15039
1302012007	1302060006	92239	9143
1302012007	1302101003	183988	17474
1302012007	1302060008	100572	9960
1302012007	1302060007	94319	9192
1302012007	1302020011	12752	1041
1302012007	1302020010	8962	696
1302012007	1302060004	90679	9026
1302012007	1302060005	92580	9264
1302012007	1302020015	14327	1220
1302012007	1302060003	87181	8492
1302012007	1302020017	22148	2055
1302012007	1302020016	16418	1524
1302012007	1302090001	150143	14171
1302012007	1302090003	158561	15145
1302012007	1302090002	147156	13853
1302012007	1302090005	149539	14188
1302012007	1302090004	154320	14733
1302012007	1302090007	147536	13913
1302012007	1302090006	154195	14576
1302012007	1302090009	161037	15423
1302012007	1302060002	100856	10001
1302012007	1302070010	126515	13204
1302012007	1302040008	58245	5644



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012007	1302040009	58386	5735
1302012007	1302070011	111388	10768
1302012007	1302040004	63726	6566
1302012007	1302040005	70142	7267
1302012007	1302040006	68720	7080
1302012007	1302040007	65039	6567
1302012007	1302100013	169474	16072
1302012007	1302040001	58058	5754
1302012007	1302040002	62451	6312
1302012007	1302040003	64545	6699
1302012007	1302021010	20413	1839
1302012007	1302050009	81084	8006
1302012007	1302050008	78680	7951
1302012007	1302100009	164788	15629
1302012007	1302100008	161711	15301
1302012007	1302050005	75542	7580
1302012007	1302050004	70853	7147
1302012007	1302050007	76362	7881
1302012007	1302050006	74612	7658
1302012007	1302050001	68442	6876
1302012007	1302100002	168665	15991
1302012007	1302050003	71677	7132
1302012007	1302050002	75821	7741
1302012007	1302110008	194574	17877
1302012007	1302110009	193747	17975
1302012007	1302110006	183549	16998
1302012007	1302110007	212260	21427
1302012007	1302100014	189414	18348
1302012007	1302110005	173764	16209
1302012007	1302110002	169855	15917
1302012007	1302110003	168945	15807
1302012007	1302110001	165417	15467
1302012007	1302031009	48470	4795
1302012007	1302040013	57613	5716
1302012007	1302040012	60234	6093
1302012007	1302040011	51517	5016

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012007	1302040010	56392	5508
1302012007	1302040016	64443	6442
1302012007	1302040015	62919	6585
1302012007	1302040014	58591	5830
1302012007	1302100015	156668	14970
1302012007	1302012010	14970	1688
1302012006	1302012005	8075	691
1302012006	1302012004	5583	678
1302012006	1302012009	7239	921
1302012006	1302012008	10142	986
1302012006	1302110020	190461	17696
1302012006	1302110021	198816	18347
1302012006	1302110022	196799	18212
1302012006	1302110023	188973	17546
1302012006	1302030009	47050	4497
1302012006	1302030003	51855	4993
1302012006	1302030002	52522	5088
1302012006	1302030001	59839	6082
1302012006	1302070012	123735	11891
1302012006	1302030006	45196	4266
1302012006	1302030005	37705	3570
1302012006	1302030004	48903	4677
1302012006	1302090008	154761	14567
1302012006	1302110016	198514	20823
1302012006	1302011002	32644	3421
1302012006	1302011003	29580	2996
1302012006	1302011001	13267	1106
1302012006	1302011006	27569	2772
1302012006	1302011007	24012	2355
1302012006	1302011004	28029	2812
1302012006	1302011005	26824	2656
1302012006	1302011008	19299	1783
1302012006	1302011009	21782	2077
1302012006	1302100007	167956	15893
1302012006	1302100006	167295	15829
1302012006	1302100005	169507	15915

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012006	1302100004	165101	15850
1302012006	1302100003	175200	16617
1302012006	1302100001	166738	15689
1302012006	1302011010	14337	1190
1302012006	1302101005	181879	17321
1302012006	1302110004	177967	16665
1302012006	1302030014	42158	3950
1302012006	1302100010	186693	17755
1302012006	1302100011	195110	18793
1302012006	1302030010	55471	5477
1302012006	1302100012	176789	16780
1302012006	1302101001	182484	17394
1302012006	1302101002	187122	17789
1302012006	1302070004	115912	11306
1302012006	1302031008	56259	5761
1302012006	1302030012	50759	4860
1302012006	1302101006	198293	19312
1302012006	1302031004	55691	5441
1302012006	1302031005	52483	5132
1302012006	1302031006	50227	4942
1302012006	1302031007	59346	5951
1302012006	1302031001	47365	4615
1302012006	1302031002	56219	5517
1302012006	1302031003	59617	5963
1302012006	1302020009	18597	1584
1302012006	1302060001	96298	9382
1302012006	1302070001	110838	10753
1302012006	1302101004	196019	18938
1302012006	1302020003	21131	1927
1302012006	1302020001	17197	1475
1302012006	1302020006	26305	2487
1302012006	1302020005	21505	1930
1302012006	1302090012	165473	15699
1302012006	1302090013	165813	15876
1302012006	1302090010	169404	16314
1302012006	1302090011	170956	16550

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012006	1302090016	167330	16068
1302012006	1302090017	167330	16068
1302012006	1302090014	166145	15883
1302012006	1302090015	166810	15958
1302012006	1302090018	167330	16068
1302012006	1302090019	164626	15919
1302012006	1302080001	137241	12984
1302012006	1302080002	142321	13650
1302012006	1302080003	128679	12289
1302012006	1302080004	132540	12573
1302012006	1302080005	138395	13128
1302012006	1302080006	141343	13538
1302012006	1302080007	142657	13719
1302012006	1302080008	145206	14079
1302012006	1302080009	129286	12481
1302012006	1302031010	54968	5401
1302012006	1302070009	128101	12994
1302012006	1302070008	121885	12002
1302012006	1302070007	121018	11871
1302012006	1302070006	118828	11640
1302012006	1302070005	117751	11498
1302012006	1302060009	104013	10648
1302012006	1302070003	120819	11639
1302012006	1302070002	119026	11630
1302012006	1302050010	91779	9159
1302012006	1302100017	166643	15747
1302012006	1302060006	99555	9851
1302012006	1302101003	191303	18182
1302012006	1302060008	107887	10668
1302012006	1302060007	101635	9900
1302012006	1302020011	20067	1749
1302012006	1302020010	16277	1404
1302012006	1302060004	97995	9733
1302012006	1302060005	99896	9972
1302012006	1302020015	21642	1927
1302012006	1302060003	94496	9200

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012006	1302020017	29464	2763
1302012006	1302020016	23734	2231
1302012006	1302090001	157458	14879
1302012006	1302090003	165877	15853
1302012006	1302090002	154471	14560
1302012006	1302090005	156855	14896
1302012006	1302090004	161635	15440
1302012006	1302090007	154851	14620
1302012006	1302090006	161511	15284
1302012006	1302090009	168353	16131
1302012006	1302060002	108171	10709
1302012006	1302070010	133830	13911
1302012006	1302040008	65560	6352
1302012006	1302040009	65702	6443
1302012006	1302070011	118703	11475
1302012006	1302040004	71042	7274
1302012006	1302040005	77458	7975
1302012006	1302040006	76035	7787
1302012006	1302040007	72354	7275
1302012006	1302100013	176789	16780
1302012006	1302040001	65373	6462
1302012006	1302040002	69766	7020
1302012006	1302040003	71861	7406
1302012006	1302021010	27729	2546
1302012006	1302050009	88399	8713
1302012006	1302050008	85995	8659
1302012006	1302100009	172104	16337
1302012006	1302100008	169027	16009
1302012006	1302050005	82858	8288
1302012006	1302050004	78169	7854
1302012006	1302050007	83677	8589
1302012006	1302050006	81927	8366
1302012006	1302050001	75757	7583
1302012006	1302100002	175980	16699
1302012006	1302050003	78993	7840
1302012006	1302050002	83137	8449

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012006	1302110008	201889	18584
1302012006	1302110009	201062	18683
1302012006	1302110006	190864	17706
1302012006	1302110007	219575	22135
1302012006	1302100014	196730	19056
1302012006	1302110005	181080	16917
1302012006	1302110002	177171	16625
1302012006	1302110003	176261	16515
1302012006	1302110001	172732	16174
1302012006	1302031009	55786	5503
1302012006	1302040013	64928	6424
1302012006	1302040012	67550	6801
1302012006	1302040011	58832	5723
1302012006	1302040010	63708	6215
1302012006	1302040016	71758	7150
1302012006	1302040015	70234	7293
1302012006	1302040014	65907	6538
1302012006	1302100015	163983	15678
1302012006	1302012010	10234	1325
1302012005	1302012004	13546	1247
1302012005	1302012009	15201	1490
1302012005	1302012008	18105	1555
1302012005	1302110020	198423	18264
1302012005	1302110021	206778	18915
1302012005	1302110022	204761	18781
1302012005	1302110023	196935	18114
1302012005	1302030009	55012	5066
1302012005	1302030003	59817	5562
1302012005	1302030002	60484	5657
1302012005	1302030001	67802	6650
1302012005	1302070012	131697	12459
1302012005	1302030006	53158	4834
1302012005	1302030005	45668	4139
1302012005	1302030004	56865	5245
1302012005	1302090008	162723	15135
1302012005	1302110016	206476	21391

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012005	1302011002	24569	2730
1302012005	1302011003	21505	2305
1302012005	1302011001	5192	414
1302012005	1302011006	19494	2081
1302012005	1302011007	15937	1664
1302012005	1302011004	19954	2120
1302012005	1302011005	18748	1965
1302012005	1302011008	11224	1092
1302012005	1302011009	13707	1385
1302012005	1302100007	175918	16462
1302012005	1302100006	175257	16397
1302012005	1302100005	177470	16483
1302012005	1302100004	173063	16419
1302012005	1302100003	183162	17186
1302012005	1302100001	174701	16258
1302012005	1302011010	6262	499
1302012005	1302101005	189841	17890
1302012005	1302110004	185929	17234
1302012005	1302030014	50120	4518
1302012005	1302100010	194656	18324
1302012005	1302100011	203072	19361
1302012005	1302030010	63433	6045
1302012005	1302100012	184752	17348
1302012005	1302101001	190446	17963
1302012005	1302101002	195084	18358
1302012005	1302070004	123874	11875
1302012005	1302031008	64221	6330
1302012005	1302030012	58721	5429
1302012005	1302101006	206255	19881
1302012005	1302031004	63653	6009
1302012005	1302031005	60445	5701
1302012005	1302031006	58189	5511
1302012005	1302031007	67309	6519
1302012005	1302031001	55327	5184
1302012005	1302031002	64182	6086
1302012005	1302031003	67579	6532

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012005	1302020009	26560	2152
1302012005	1302060001	104260	9951
1302012005	1302070001	118800	11321
1302012005	1302101004	203981	19507
1302012005	1302020003	29093	2496
1302012005	1302020001	25160	2043
1302012005	1302020006	34267	3055
1302012005	1302020005	29467	2498
1302012005	1302090012	173435	16267
1302012005	1302090013	173775	16445
1302012005	1302090010	177366	16883
1302012005	1302090011	178918	17119
1302012005	1302090016	175292	16637
1302012005	1302090017	175292	16637
1302012005	1302090014	174107	16451
1302012005	1302090015	174772	16526
1302012005	1302090018	175292	16637
1302012005	1302090019	172588	16487
1302012005	1302080001	145203	13553
1302012005	1302080002	150283	14219
1302012005	1302080003	136641	12857
1302012005	1302080004	140502	13141
1302012005	1302080005	146357	13697
1302012005	1302080006	149305	14106
1302012005	1302080007	150619	14288
1302012005	1302080008	153168	14647
1302012005	1302080009	137248	13049
1302012005	1302031010	62930	5970
1302012005	1302070009	136063	13562
1302012005	1302070008	129847	12571
1302012005	1302070007	128980	12439
1302012005	1302070006	126790	12208
1302012005	1302070005	125713	12067
1302012005	1302060009	111976	11216
1302012005	1302070003	128781	12208
1302012005	1302070002	126988	12199



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012005	1302050010	99741	9727
1302012005	1302100017	174605	16316
1302012005	1302060006	107517	10420
1302012005	1302101003	199265	18750
1302012005	1302060008	115850	11236
1302012005	1302060007	109597	10468
1302012005	1302020011	28029	2317
1302012005	1302020010	24239	1972
1302012005	1302060004	105957	10302
1302012005	1302060005	107858	10541
1302012005	1302020015	29604	2496
1302012005	1302060003	102459	9769
1302012005	1302020017	37426	3331
1302012005	1302020016	31696	2800
1302012005	1302090001	165420	15448
1302012005	1302090003	173839	16421
1302012005	1302090002	162433	15129
1302012005	1302090005	164817	15464
1302012005	1302090004	169598	16009
1302012005	1302090007	162814	15189
1302012005	1302090006	169473	15852
1302012005	1302090009	176315	16700
1302012005	1302060002	116133	11277
1302012005	1302070010	141792	14480
1302012005	1302040008	73522	6920
1302012005	1302040009	73664	7011
1302012005	1302070011	126666	12044
1302012005	1302040004	79004	7843
1302012005	1302040005	85420	8543
1302012005	1302040006	83997	8356
1302012005	1302040007	80316	7843
1302012005	1302100013	184752	17348
1302012005	1302040001	73336	7030
1302012005	1302040002	77729	7588
1302012005	1302040003	79823	7975
1302012005	1302021010	35691	3115

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012005	1302050009	96362	9282
1302012005	1302050008	93957	9227
1302012005	1302100009	180066	16905
1302012005	1302100008	176989	16577
1302012005	1302050005	90820	8856
1302012005	1302050004	86131	8423
1302012005	1302050007	91639	9157
1302012005	1302050006	89890	8934
1302012005	1302050001	83719	8152
1302012005	1302100002	183942	17267
1302012005	1302050003	86955	8408
1302012005	1302050002	91099	9017
1302012005	1302110008	209851	19153
1302012005	1302110009	209024	19251
1302012005	1302110006	198826	18274
1302012005	1302110007	227537	22703
1302012005	1302100014	204692	19625
1302012005	1302110005	189042	17485
1302012005	1302110002	185133	17193
1302012005	1302110003	184223	17083
1302012005	1302110001	180694	16743
1302012005	1302031009	63748	6071
1302012005	1302040013	72890	6992
1302012005	1302040012	75512	7369
1302012005	1302040011	66794	6292
1302012005	1302040010	71670	6784
1302012005	1302040016	79720	7718
1302012005	1302040015	78197	7862
1302012005	1302040014	73869	7106
1302012005	1302100015	171946	16246
1302012005	1302012010	18196	1893
1302012004	1302012009	1655	243
1302012004	1302012008	13147	1267
1302012004	1302110020	193465	17976
1302012004	1302110021	201820	18627
1302012004	1302110022	199803	18493

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012004	1302110023	191977	17826
1302012004	1302030009	50054	4778
1302012004	1302030003	54859	5274
1302012004	1302030002	55526	5369
1302012004	1302030001	62843	6363
1302012004	1302070012	126739	12172
1302012004	1302030006	48200	4546
1302012004	1302030005	40710	3851
1302012004	1302030004	51907	4958
1302012004	1302090008	157765	14847
1302012004	1302110016	201518	21103
1302012004	1302011002	38115	4049
1302012004	1302011003	35051	3624
1302012004	1302011001	18738	1733
1302012004	1302011006	33039	3400
1302012004	1302011007	29483	2983
1302012004	1302011004	33500	3439
1302012004	1302011005	32294	3283
1302012004	1302011008	24770	2411
1302012004	1302011009	27252	2704
1302012004	1302100007	170960	16174
1302012004	1302100006	170299	16109
1302012004	1302100005	172511	16196
1302012004	1302100004	168105	16131
1302012004	1302100003	178204	16898
1302012004	1302100001	169742	15970
1302012004	1302011010	19808	1817
1302012004	1302101005	184883	17602
1302012004	1302110004	180971	16946
1302012004	1302030014	45162	4230
1302012004	1302100010	189698	18036
1302012004	1302100011	198114	19073
1302012004	1302030010	58475	5758
1302012004	1302100012	179794	17060
1302012004	1302101001	185488	17675
1302012004	1302101002	190126	18070

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012004	1302070004	118916	11587
1302012004	1302031008	59263	6042
1302012004	1302030012	53763	5141
1302012004	1302101006	201297	19593
1302012004	1302031004	58695	5721
1302012004	1302031005	55487	5413
1302012004	1302031006	53231	5223
1302012004	1302031007	62350	6231
1302012004	1302031001	50369	4896
1302012004	1302031002	59223	5798
1302012004	1302031003	62621	6244
1302012004	1302020009	21601	1865
1302012004	1302060001	99302	9663
1302012004	1302070001	113842	11033
1302012004	1302101004	199023	19219
1302012004	1302020003	24135	2208
1302012004	1302020001	20201	1755
1302012004	1302020006	29309	2767
1302012004	1302020005	24509	2210
1302012004	1302090012	168477	15979
1302012004	1302090013	168817	16157
1302012004	1302090010	172408	16595
1302012004	1302090011	173960	16831
1302012004	1302090016	170334	16349
1302012004	1302090017	170334	16349
1302012004	1302090014	169149	16163
1302012004	1302090015	169814	16238
1302012004	1302090018	170334	16349
1302012004	1302090019	167630	16199
1302012004	1302080001	140245	13265
1302012004	1302080002	145325	13931
1302012004	1302080003	131683	12569
1302012004	1302080004	135544	12853
1302012004	1302080005	141399	13409
1302012004	1302080006	144347	13818
1302012004	1302080007	145661	14000

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012004	1302080008	148210	14359
1302012004	1302080009	132290	12761
1302012004	1302031010	57972	5682
1302012004	1302070009	131105	13274
1302012004	1302070008	124889	12283
1302012004	1302070007	124022	12151
1302012004	1302070006	121832	11920
1302012004	1302070005	120755	11779
1302012004	1302060009	107018	10928
1302012004	1302070003	123823	11920
1302012004	1302070002	122030	11911
1302012004	1302050010	94783	9439
1302012004	1302100017	169647	16028
1302012004	1302060006	102559	10132
1302012004	1302101003	194307	18462
1302012004	1302060008	110892	10948
1302012004	1302060007	104639	10181
1302012004	1302020011	23071	2029
1302012004	1302020010	19281	1684
1302012004	1302060004	100999	10014
1302012004	1302060005	102900	10253
1302012004	1302020015	24646	2208
1302012004	1302060003	97501	9481
1302012004	1302020017	32468	3043
1302012004	1302020016	26738	2512
1302012004	1302090001	160462	15160
1302012004	1302090003	168881	16133
1302012004	1302090002	157475	14841
1302012004	1302090005	159859	15176
1302012004	1302090004	164640	15721
1302012004	1302090007	157856	14901
1302012004	1302090006	164515	15564
1302012004	1302090009	171357	16412
1302012004	1302060002	111175	10990
1302012004	1302070010	136834	14192
1302012004	1302040008	68564	6632

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012004	1302040009	68706	6723
1302012004	1302070011	121707	11756
1302012004	1302040004	74046	7555
1302012004	1302040005	80462	8255
1302012004	1302040006	79039	8068
1302012004	1302040007	75358	7556
1302012004	1302100013	179794	17060
1302012004	1302040001	68377	6742
1302012004	1302040002	72771	7300
1302012004	1302040003	74865	7687
1302012004	1302021010	30733	2827
1302012004	1302050009	91403	8994
1302012004	1302050008	88999	8940
1302012004	1302100009	175108	16617
1302012004	1302100008	172031	16289
1302012004	1302050005	85862	8568
1302012004	1302050004	81173	8135
1302012004	1302050007	86681	8869
1302012004	1302050006	84932	8646
1302012004	1302050001	78761	7864
1302012004	1302100002	178984	16979
1302012004	1302050003	81997	8120
1302012004	1302050002	86141	8729
1302012004	1302110008	204893	18865
1302012004	1302110009	204066	18963
1302012004	1302110006	193868	17986
1302012004	1302110007	222579	22415
1302012004	1302100014	199734	19337
1302012004	1302110005	184084	17197
1302012004	1302110002	180175	16905
1302012004	1302110003	179265	16795
1302012004	1302110001	175736	16455
1302012004	1302031009	58790	5783
1302012004	1302040013	67932	6704
1302012004	1302040012	70554	7081
1302012004	1302040011	61836	6004

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012004	1302040010	66712	6496
1302012004	1302040016	74762	7431
1302012004	1302040015	73239	7574
1302012004	1302040014	68911	6818
1302012004	1302100015	166988	15958
1302012004	1302012010	4650	646
1302012009	1302012008	14802	1511
1302012009	1302110020	195120	18220
1302012009	1302110021	203475	18871
1302012009	1302110022	201458	18737
1302012009	1302110023	193632	18070
1302012009	1302030009	51709	5022
1302012009	1302030003	56514	5518
1302012009	1302030002	57181	5613
1302012009	1302030001	64499	6606
1302012009	1302070012	128395	12415
1302012009	1302030006	49855	4790
1302012009	1302030005	42365	4095
1302012009	1302030004	53562	5201
1302012009	1302090008	159420	15091
1302012009	1302110016	203174	21347
1302012009	1302011002	39770	4292
1302012009	1302011003	36706	3868
1302012009	1302011001	20393	1977
1302012009	1302011006	34695	3643
1302012009	1302011007	31138	3227
1302012009	1302011004	35155	3683
1302012009	1302011005	33949	3527
1302012009	1302011008	26425	2654
1302012009	1302011009	28908	2948
1302012009	1302100007	172615	16417
1302012009	1302100006	171954	16353
1302012009	1302100005	174167	16439
1302012009	1302100004	169760	16375
1302012009	1302100003	179860	17142
1302012009	1302100001	171398	16214

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012009	1302011010	21463	2061
1302012009	1302101005	186538	17846
1302012009	1302110004	182626	17190
1302012009	1302030014	46817	4474
1302012009	1302100010	191353	18279
1302012009	1302100011	199769	19317
1302012009	1302030010	60131	6001
1302012009	1302100012	181449	17304
1302012009	1302101001	187143	17918
1302012009	1302101002	191782	18314
1302012009	1302070004	120571	11831
1302012009	1302031008	60918	6286
1302012009	1302030012	55418	5385
1302012009	1302101006	202953	19836
1302012009	1302031004	60350	5965
1302012009	1302031005	57142	5656
1302012009	1302031006	54887	5467
1302012009	1302031007	64006	6475
1302012009	1302031001	52024	5140
1302012009	1302031002	60879	6041
1302012009	1302031003	64276	6488
1302012009	1302020009	23257	2108
1302012009	1302060001	100957	9907
1302012009	1302070001	115497	11277
1302012009	1302101004	200679	19462
1302012009	1302020003	25791	2452
1302012009	1302020001	21857	1999
1302012009	1302020006	30965	3011
1302012009	1302020005	26165	2454
1302012009	1302090012	170132	16223
1302012009	1302090013	170472	16401
1302012009	1302090010	174064	16839
1302012009	1302090011	175615	17075
1302012009	1302090016	171989	16593
1302012009	1302090017	171989	16593
1302012009	1302090014	170805	16407



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012009	1302090015	171470	16482
1302012009	1302090018	171989	16593
1302012009	1302090019	169285	16443
1302012009	1302080001	141900	13509
1302012009	1302080002	146980	14175
1302012009	1302080003	133338	12813
1302012009	1302080004	137199	13097
1302012009	1302080005	143054	13653
1302012009	1302080006	146002	14062
1302012009	1302080007	147316	14244
1302012009	1302080008	149866	14603
1302012009	1302080009	133945	13005
1302012009	1302031010	59627	5926
1302012009	1302070009	132760	13518
1302012009	1302070008	126544	12527
1302012009	1302070007	125678	12395
1302012009	1302070006	123487	12164
1302012009	1302070005	122410	12023
1302012009	1302060009	108673	11172
1302012009	1302070003	125479	12164
1302012009	1302070002	123685	12155
1302012009	1302050010	96438	9683
1302012009	1302100017	171303	16272
1302012009	1302060006	104214	10376
1302012009	1302101003	195962	18706
1302012009	1302060008	112547	11192
1302012009	1302060007	106294	10424
1302012009	1302020011	24727	2273
1302012009	1302020010	20937	1928
1302012009	1302060004	102654	10258
1302012009	1302060005	104555	10497
1302012009	1302020015	26302	2452
1302012009	1302060003	99156	9725
1302012009	1302020017	34123	3287
1302012009	1302020016	28393	2756
1302012009	1302090001	162118	15404

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012009	1302090003	170536	16377
1302012009	1302090002	159131	15085
1302012009	1302090005	161514	15420
1302012009	1302090004	166295	15965
1302012009	1302090007	159511	15145
1302012009	1302090006	166170	15808
1302012009	1302090009	173012	16655
1302012009	1302060002	112831	11233
1302012009	1302070010	138490	14436
1302012009	1302040008	70219	6876
1302012009	1302040009	70361	6967
1302012009	1302070011	123363	12000
1302012009	1302040004	75701	7799
1302012009	1302040005	82117	8499
1302012009	1302040006	80694	8312
1302012009	1302040007	77014	7799
1302012009	1302100013	181449	17304
1302012009	1302040001	70033	6986
1302012009	1302040002	74426	7544
1302012009	1302040003	76520	7931
1302012009	1302021010	32388	3071
1302012009	1302050009	93059	9238
1302012009	1302050008	90655	9183
1302012009	1302100009	176763	16861
1302012009	1302100008	173686	16533
1302012009	1302050005	87517	8812
1302012009	1302050004	82828	8379
1302012009	1302050007	88337	9113
1302012009	1302050006	86587	8890
1302012009	1302050001	80417	8108
1302012009	1302100002	180640	17223
1302012009	1302050003	83652	8364
1302012009	1302050002	87796	8973
1302012009	1302110008	206548	19109
1302012009	1302110009	205722	19207
1302012009	1302110006	195524	18230

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012009	1302110007	224235	22659
1302012009	1302100014	201389	19581
1302012009	1302110005	185739	17441
1302012009	1302110002	181830	17149
1302012009	1302110003	180920	17039
1302012009	1302110001	177391	16699
1302012009	1302031009	60445	6027
1302012009	1302040013	69588	6948
1302012009	1302040012	72209	7325
1302012009	1302040011	63491	6248
1302012009	1302040010	68367	6740
1302012009	1302040016	76418	7674
1302012009	1302040015	74894	7818
1302012009	1302040014	70566	7062
1302012009	1302100015	168643	16202
1302012009	1302012010	3548	518
1302012008	1302110020	181485	16939
1302012008	1302110021	189841	17590
1302012008	1302110022	187824	17456
1302012008	1302110023	179998	16789
1302012008	1302030009	38075	3741
1302012008	1302030003	42880	4237
1302012008	1302030002	43547	4332
1302012008	1302030001	50864	5325
1302012008	1302070012	114760	11134
1302012008	1302030006	36221	3509
1302012008	1302030005	28730	2814
1302012008	1302030004	39928	3920
1302012008	1302090008	145786	13810
1302012008	1302110016	189539	20066
1302012008	1302011002	42674	4307
1302012008	1302011003	39610	3882
1302012008	1302011001	23297	1991
1302012008	1302011006	37598	3658
1302012008	1302011007	34042	3241
1302012008	1302011004	38059	3697

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012008	1302011005	36853	3542
1302012008	1302011008	29329	2669
1302012008	1302011009	31811	2962
1302012008	1302100007	158981	15136
1302012008	1302100006	158320	15072
1302012008	1302100005	160532	15158
1302012008	1302100004	156126	15094
1302012008	1302100003	166225	15861
1302012008	1302100001	157763	14933
1302012008	1302011010	24367	2076
1302012008	1302101005	172904	16565
1302012008	1302110004	168992	15908
1302012008	1302030014	33183	3193
1302012008	1302100010	177718	16998
1302012008	1302100011	186135	18036
1302012008	1302030010	46496	4720
1302012008	1302100012	167814	16023
1302012008	1302101001	173509	16637
1302012008	1302101002	178147	17033
1302012008	1302070004	106936	10550
1302012008	1302031008	47284	5005
1302012008	1302030012	41784	4103
1302012008	1302101006	189318	18555
1302012008	1302031004	46716	4684
1302012008	1302031005	43508	4375
1302012008	1302031006	41252	4186
1302012008	1302031007	50371	5194
1302012008	1302031001	38390	3859
1302012008	1302031002	47244	4760
1302012008	1302031003	50642	5207
1302012008	1302020009	9622	827
1302012008	1302060001	87323	8626
1302012008	1302070001	101863	9996
1302012008	1302101004	187044	18181
1302012008	1302020003	12156	1171
1302012008	1302020001	8222	718

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012008	1302020006	17330	1730
1302012008	1302020005	12530	1173
1302012008	1302090012	156498	14942
1302012008	1302090013	156838	15120
1302012008	1302090010	160429	15558
1302012008	1302090011	161981	15794
1302012008	1302090016	158355	15312
1302012008	1302090017	158355	15312
1302012008	1302090014	157170	15126
1302012008	1302090015	157835	15201
1302012008	1302090018	158355	15312
1302012008	1302090019	155651	15162
1302012008	1302080001	128266	12228
1302012008	1302080002	133346	12894
1302012008	1302080003	119704	11532
1302012008	1302080004	123565	11816
1302012008	1302080005	129420	12372
1302012008	1302080006	132368	12781
1302012008	1302080007	133682	12963
1302012008	1302080008	136231	13322
1302012008	1302080009	120311	11724
1302012008	1302031010	45993	4645
1302012008	1302070009	119126	12237
1302012008	1302070008	112910	11246
1302012008	1302070007	112043	11114
1302012008	1302070006	109853	10883
1302012008	1302070005	108776	10742
1302012008	1302060009	95038	9891
1302012008	1302070003	111844	10882
1302012008	1302070002	110051	10874
1302012008	1302050010	82804	8402
1302012008	1302100017	157668	14991
1302012008	1302060006	90580	9094
1302012008	1302101003	182328	17425
1302012008	1302060008	98912	9911
1302012008	1302060007	92660	9143

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012008	1302020011	11092	992
1302012008	1302020010	7302	647
1302012008	1302060004	89020	8977
1302012008	1302060005	90921	9216
1302012008	1302020015	12667	1171
1302012008	1302060003	85521	8444
1302012008	1302020017	20488	2006
1302012008	1302020016	14759	1475
1302012008	1302090001	148483	14122
1302012008	1302090003	156902	15096
1302012008	1302090002	145496	13804
1302012008	1302090005	147880	14139
1302012008	1302090004	152660	14684
1302012008	1302090007	145876	13864
1302012008	1302090006	152536	14527
1302012008	1302090009	159378	15374
1302012008	1302060002	99196	9952
1302012008	1302070010	124855	13155
1302012008	1302040008	56585	5595
1302012008	1302040009	56727	5686
1302012008	1302070011	109728	10719
1302012008	1302040004	62066	6518
1302012008	1302040005	68483	7218
1302012008	1302040006	67060	7031
1302012008	1302040007	63379	6518
1302012008	1302100013	167814	16023
1302012008	1302040001	56398	5705
1302012008	1302040002	60791	6263
1302012008	1302040003	62886	6650
1302012008	1302021010	18753	1790
1302012008	1302050009	79424	7957
1302012008	1302050008	77020	7902
1302012008	1302100009	163129	15580
1302012008	1302100008	160052	15252
1302012008	1302050005	73883	7531
1302012008	1302050004	69194	7098

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302012008	1302050007	74702	7832
1302012008	1302050006	72952	7609
1302012008	1302050001	66782	6827
1302012008	1302100002	167005	15942
1302012008	1302050003	70018	7083
1302012008	1302050002	74162	7692
1302012008	1302110008	192914	17828
1302012008	1302110009	192087	17926
1302012008	1302110006	181889	16949
1302012008	1302110007	210600	21378
1302012008	1302100014	187755	18300
1302012008	1302110005	172105	16160
1302012008	1302110002	168196	15868
1302012008	1302110003	167286	15758
1302012008	1302110001	163757	15418
1302012008	1302031009	46811	4746
1302012008	1302040013	55953	5667
1302012008	1302040012	58575	6044
1302012008	1302040011	49857	4967
1302012008	1302040010	54733	5459
1302012008	1302040016	62783	6393
1302012008	1302040015	61259	6536
1302012008	1302040014	56932	5781
1302012008	1302100015	155008	14921
1302012008	1302012010	17797	1951
1302110020	1302110021	8514	786
1302110020	1302110022	6498	652
1302110020	1302110023	1488	139
1302110020	1302030009	146289	13753
1302110020	1302030003	151094	14248
1302110020	1302030002	151761	14343
1302110020	1302030001	143032	13510
1302110020	1302070012	66731	5805
1302110020	1302030006	145688	13746
1302110020	1302030005	152760	14335
1302110020	1302030004	148142	13932

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110020	1302090008	36620	3289
1302110020	1302110016	37713	5657
1302110020	1302011002	222998	21192
1302110020	1302011003	219933	20767
1302110020	1302011001	203620	18876
1302110020	1302011006	217922	20543
1302110020	1302011007	214365	20126
1302110020	1302011004	218382	20583
1302110020	1302011005	217177	20427
1302110020	1302011008	209652	19554
1302110020	1302011009	212135	19847
1302110020	1302100007	25174	2156
1302110020	1302100006	24513	2092
1302110020	1302100005	20953	1765
1302110020	1302100004	26957	2402
1302110020	1302100003	32418	2880
1302110020	1302100001	23722	2002
1302110020	1302011010	204690	18961
1302110020	1302101005	39097	3584
1302110020	1302110004	12494	1007
1302110020	1302030014	148308	13956
1302110020	1302100010	43912	4018
1302110020	1302100011	52328	5055
1302110020	1302030010	154710	14732
1302110020	1302100012	34008	3043
1302110020	1302101001	39702	3657
1302110020	1302101002	44341	4052
1302110020	1302070004	86275	7668
1302110020	1302031008	143786	13618
1302110020	1302030012	149998	14115
1302110020	1302101006	55512	5575
1302110020	1302031004	154930	14696
1302110020	1302031005	137821	12822
1302110020	1302031006	143012	13362
1302110020	1302031007	142539	13379
1302110020	1302031001	143101	13290



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110020	1302031002	139412	12945
1302110020	1302031003	158856	15218
1302110020	1302020009	171869	16275
1302110020	1302060001	94168	8353
1302110020	1302070001	79628	6937
1302110020	1302101004	53237	5201
1302110020	1302020003	169775	16102
1302110020	1302020001	173269	16382
1302110020	1302020006	164161	15418
1302110020	1302020005	169051	15984
1302110020	1302090012	33693	2980
1302110020	1302090013	36333	3318
1302110020	1302090010	31261	2866
1302110020	1302090011	32812	3102
1302110020	1302090016	37850	3510
1302110020	1302090017	37850	3510
1302110020	1302090014	36665	3324
1302110020	1302090015	37330	3399
1302110020	1302090018	37850	3510
1302110020	1302090019	42362	4099
1302110020	1302080001	53298	4754
1302110020	1302080002	57608	5338
1302110020	1302080003	61787	5408
1302110020	1302080004	57926	5121
1302110020	1302080005	53943	4938
1302110020	1302080006	56630	5226
1302110020	1302080007	57944	5408
1302110020	1302080008	60493	5767
1302110020	1302080009	62704	5567
1302110020	1302031010	135336	12553
1302110020	1302070009	85733	8148
1302110020	1302070008	79517	7157
1302110020	1302070007	78651	7026
1302110020	1302070006	74247	6572
1302110020	1302070005	75383	6653
1302110020	1302060009	100611	9537

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110020	1302070003	69647	6066
1302110020	1302070002	73228	6544
1302110020	1302050010	104379	9224
1302110020	1302100017	25543	2237
1302110020	1302060006	92491	8363
1302110020	1302101003	48521	4445
1302110020	1302060008	95962	8714
1302110020	1302060007	88894	7882
1302110020	1302020011	170399	16156
1302110020	1302020010	174189	16453
1302110020	1302060004	98366	8833
1302110020	1302060005	97116	8940
1302110020	1302020015	168824	15941
1302110020	1302060003	95969	8534
1302110020	1302020017	161002	15142
1302110020	1302020016	166732	15674
1302110020	1302090001	33891	2965
1302110020	1302090003	36397	3294
1302110020	1302090002	36317	3196
1302110020	1302090005	34990	3024
1302110020	1302090004	39372	3620
1302110020	1302090007	36832	3256
1302110020	1302090006	29667	2554
1302110020	1302090009	38872	3573
1302110020	1302060002	96246	8756
1302110020	1302070010	91463	9066
1302110020	1302040008	130560	11942
1302110020	1302040009	127054	11646
1302110020	1302070011	71763	6231
1302110020	1302040004	121339	11096
1302110020	1302040005	121834	11209
1302110020	1302040006	120411	11022
1302110020	1302040007	117200	10596
1302110020	1302100013	34008	3043
1302110020	1302040001	125093	11358
1302110020	1302040002	119787	10854

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110020	1302040003	122158	11228
1302110020	1302021010	175250	16588
1302110020	1302050009	102211	9071
1302110020	1302050008	105900	9435
1302110020	1302100009	29322	2599
1302110020	1302100008	26245	2272
1302110020	1302050005	106696	9512
1302110020	1302050004	113620	10327
1302110020	1302050007	110280	9954
1302110020	1302050006	112708	10217
1302110020	1302050001	113797	10287
1302110020	1302100002	33198	2962
1302110020	1302050003	111497	9931
1302110020	1302050002	108652	9706
1302110020	1302110008	11588	1024
1302110020	1302110009	10761	1122
1302110020	1302110006	563	145
1302110020	1302110007	29274	4574
1302110020	1302100014	53948	5319
1302110020	1302110005	9381	757
1302110020	1302110002	16370	1459
1302110020	1302110003	14246	1212
1302110020	1302110001	17728	1513
1302110020	1302031009	134500	12448
1302110020	1302040013	126668	11570
1302110020	1302040012	132019	12309
1302110020	1302040011	131634	12096
1302110020	1302040010	127102	11659
1302110020	1302040016	120597	10804
1302110020	1302040015	126202	11745
1302110020	1302040014	130376	12046
1302110020	1302100015	27730	2488
1302110020	1302012010	198120	18836
1302110021	1302110022	5879	526
1302110021	1302110023	9843	799
1302110021	1302030009	154644	14412

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110021	1302030003	159449	14908
1302110021	1302030002	160116	15003
1302110021	1302030001	151387	14170
1302110021	1302070012	75086	6465
1302110021	1302030006	154043	14405
1302110021	1302030005	161116	14994
1302110021	1302030004	156497	14592
1302110021	1302090008	44976	3949
1302110021	1302110016	46069	6317
1302110021	1302011002	231353	21852
1302110021	1302011003	228289	21427
1302110021	1302011001	211976	19536
1302110021	1302011006	226277	21203
1302110021	1302011007	222721	20786
1302110021	1302011004	226738	21242
1302110021	1302011005	225532	21087
1302110021	1302011008	218008	20214
1302110021	1302011009	220490	20507
1302110021	1302100007	33530	2816
1302110021	1302100006	32868	2751
1302110021	1302100005	29309	2425
1302110021	1302100004	35313	3062
1302110021	1302100003	40774	3540
1302110021	1302100001	32078	2662
1302110021	1302011010	213046	19620
1302110021	1302101005	47452	4244
1302110021	1302110004	20849	1667
1302110021	1302030014	156664	14615
1302110021	1302100010	52267	4678
1302110021	1302100011	60683	5715
1302110021	1302030010	163065	15392
1302110021	1302100012	42363	3702
1302110021	1302101001	48058	4317
1302110021	1302101002	52696	4712
1302110021	1302070004	94631	8328
1302110021	1302031008	152141	14278

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110021	1302030012	158353	14775
1302110021	1302101006	63867	6235
1302110021	1302031004	163285	15356
1302110021	1302031005	146176	13482
1302110021	1302031006	151368	14022
1302110021	1302031007	150894	14038
1302110021	1302031001	151457	13950
1302110021	1302031002	147767	13605
1302110021	1302031003	167211	15878
1302110021	1302020009	180224	16934
1302110021	1302060001	102524	9012
1302110021	1302070001	87984	7596
1302110021	1302101004	61593	5861
1302110021	1302020003	178130	16762
1302110021	1302020001	181624	17042
1302110021	1302020006	172516	16078
1302110021	1302020005	177407	16643
1302110021	1302090012	42049	3639
1302110021	1302090013	44688	3977
1302110021	1302090010	39616	3526
1302110021	1302090011	41168	3762
1302110021	1302090016	46205	4169
1302110021	1302090017	46205	4169
1302110021	1302090014	45020	3984
1302110021	1302090015	45685	4059
1302110021	1302090018	46205	4169
1302110021	1302090019	50717	4758
1302110021	1302080001	61653	5413
1302110021	1302080002	65963	5998
1302110021	1302080003	70143	6068
1302110021	1302080004	66282	5781
1302110021	1302080005	62298	5598
1302110021	1302080006	64985	5886
1302110021	1302080007	66299	6067
1302110021	1302080008	68849	6426
1302110021	1302080009	71060	6227

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110021	1302031010	143692	13212
1302110021	1302070009	94089	8808
1302110021	1302070008	87873	7817
1302110021	1302070007	87006	7685
1302110021	1302070006	82603	7232
1302110021	1302070005	83739	7313
1302110021	1302060009	108967	10197
1302110021	1302070003	78002	6725
1302110021	1302070002	81583	7203
1302110021	1302050010	112734	9884
1302110021	1302100017	33899	2897
1302110021	1302060006	100846	9023
1302110021	1302101003	56877	5104
1302110021	1302060008	104318	9374
1302110021	1302060007	97249	8541
1302110021	1302020011	178754	16816
1302110021	1302020010	182544	17113
1302110021	1302060004	106721	9493
1302110021	1302060005	105471	9599
1302110021	1302020015	177179	16601
1302110021	1302060003	104325	9194
1302110021	1302020017	169358	15802
1302110021	1302020016	175088	16333
1302110021	1302090001	42246	3625
1302110021	1302090003	44752	3954
1302110021	1302090002	44672	3856
1302110021	1302090005	43346	3684
1302110021	1302090004	47727	4280
1302110021	1302090007	45187	3915
1302110021	1302090006	38022	3213
1302110021	1302090009	47228	4232
1302110021	1302060002	104601	9415
1302110021	1302070010	99818	9726
1302110021	1302040008	138915	12602
1302110021	1302040009	135409	12306
1302110021	1302070011	80118	6891

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110021	1302040004	129694	11756
1302110021	1302040005	130189	11869
1302110021	1302040006	128766	11682
1302110021	1302040007	125555	11255
1302110021	1302100013	42363	3702
1302110021	1302040001	133448	12018
1302110021	1302040002	128143	11514
1302110021	1302040003	130514	11888
1302110021	1302021010	183605	17247
1302110021	1302050009	110566	9731
1302110021	1302050008	114255	10095
1302110021	1302100009	37678	3259
1302110021	1302100008	34600	2931
1302110021	1302050005	115051	10172
1302110021	1302050004	121975	10986
1302110021	1302050007	118635	10613
1302110021	1302050006	121063	10876
1302110021	1302050001	122152	10947
1302110021	1302100002	41554	3622
1302110021	1302050003	119852	10591
1302110021	1302050002	117007	10366
1302110021	1302110008	3069	237
1302110021	1302110009	10142	996
1302110021	1302110006	8400	740
1302110021	1302110007	20755	3787
1302110021	1302100014	62303	5979
1302110021	1302110005	17736	1417
1302110021	1302110002	24725	2119
1302110021	1302110003	22601	1871
1302110021	1302110001	26084	2172
1302110021	1302031009	142855	13108
1302110021	1302040013	135024	12230
1302110021	1302040012	140374	12969
1302110021	1302040011	139989	12756
1302110021	1302040010	135457	12318
1302110021	1302040016	128952	11464

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110021	1302040015	134557	12405
1302110021	1302040014	138731	12706
1302110021	1302100015	36085	3148
1302110021	1302012010	206476	19496
1302110022	1302110023	7826	643
1302110022	1302030009	152628	14256
1302110022	1302030003	157432	14752
1302110022	1302030002	158099	14847
1302110022	1302030001	149370	14014
1302110022	1302070012	73069	6309
1302110022	1302030006	152026	14249
1302110022	1302030005	159099	14838
1302110022	1302030004	154480	14436
1302110022	1302090008	42959	3793
1302110022	1302110016	44052	6161
1302110022	1302011002	229336	21696
1302110022	1302011003	226272	21271
1302110022	1302011001	209959	19380
1302110022	1302011006	224260	21047
1302110022	1302011007	220704	20630
1302110022	1302011004	224721	21086
1302110022	1302011005	223515	20931
1302110022	1302011008	215991	20058
1302110022	1302011009	218473	20351
1302110022	1302100007	31513	2660
1302110022	1302100006	30852	2595
1302110022	1302100005	27292	2269
1302110022	1302100004	33296	2906
1302110022	1302100003	38757	3384
1302110022	1302100001	30061	2506
1302110022	1302011010	211029	19464
1302110022	1302101005	45436	4088
1302110022	1302110004	18832	1511
1302110022	1302030014	154647	14459
1302110022	1302100010	50250	4522
1302110022	1302100011	58667	5559



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110022	1302030010	161049	15236
1302110022	1302100012	40346	3546
1302110022	1302101001	46041	4161
1302110022	1302101002	50679	4556
1302110022	1302070004	92614	8172
1302110022	1302031008	150124	14122
1302110022	1302030012	156336	14619
1302110022	1302101006	61850	6079
1302110022	1302031004	161268	15200
1302110022	1302031005	144159	13326
1302110022	1302031006	149351	13866
1302110022	1302031007	148877	13882
1302110022	1302031001	149440	13794
1302110022	1302031002	145750	13449
1302110022	1302031003	165194	15722
1302110022	1302020009	178207	16778
1302110022	1302060001	100507	8856
1302110022	1302070001	85967	7440
1302110022	1302101004	59576	5705
1302110022	1302020003	176113	16606
1302110022	1302020001	179607	16886
1302110022	1302020006	170499	15922
1302110022	1302020005	175390	16487
1302110022	1302090012	40032	3483
1302110022	1302090013	42671	3821
1302110022	1302090010	37599	3370
1302110022	1302090011	39151	3606
1302110022	1302090016	44188	4013
1302110022	1302090017	44188	4013
1302110022	1302090014	43003	3828
1302110022	1302090015	43669	3903
1302110022	1302090018	44188	4013
1302110022	1302090019	48700	4602
1302110022	1302080001	59636	5257
1302110022	1302080002	63946	5842
1302110022	1302080003	68126	5912

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110022	1302080004	64265	5625
1302110022	1302080005	60281	5442
1302110022	1302080006	62969	5730
1302110022	1302080007	64282	5911
1302110022	1302080008	66832	6270
1302110022	1302080009	69043	6071
1302110022	1302031010	141675	13056
1302110022	1302070009	92072	8652
1302110022	1302070008	85856	7661
1302110022	1302070007	84989	7529
1302110022	1302070006	80586	7076
1302110022	1302070005	81722	7157
1302110022	1302060009	106950	10041
1302110022	1302070003	75985	6569
1302110022	1302070002	79566	7047
1302110022	1302050010	110717	9727
1302110022	1302100017	31882	2741
1302110022	1302060006	98829	8867
1302110022	1302101003	54860	4948
1302110022	1302060008	102301	9218
1302110022	1302060007	95232	8385
1302110022	1302020011	176737	16660
1302110022	1302020010	180527	16957
1302110022	1302060004	104704	9337
1302110022	1302060005	103454	9443
1302110022	1302020015	175162	16445
1302110022	1302060003	102308	9038
1302110022	1302020017	167341	15646
1302110022	1302020016	173071	16177
1302110022	1302090001	40230	3469
1302110022	1302090003	42735	3798
1302110022	1302090002	42655	3700
1302110022	1302090005	41329	3528
1302110022	1302090004	45710	4124
1302110022	1302090007	43171	3759
1302110022	1302090006	36005	3057

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110022	1302090009	45211	4076
1302110022	1302060002	102584	9259
1302110022	1302070010	97801	9570
1302110022	1302040008	136899	12446
1302110022	1302040009	133392	12149
1302110022	1302070011	78101	6735
1302110022	1302040004	127677	11600
1302110022	1302040005	128172	11713
1302110022	1302040006	126749	11526
1302110022	1302040007	123538	11099
1302110022	1302100013	40346	3546
1302110022	1302040001	131431	11862
1302110022	1302040002	126126	11358
1302110022	1302040003	128497	11732
1302110022	1302021010	181588	17091
1302110022	1302050009	108549	9575
1302110022	1302050008	112239	9938
1302110022	1302100009	35661	3103
1302110022	1302100008	32584	2775
1302110022	1302050005	113035	10016
1302110022	1302050004	119959	10830
1302110022	1302050007	116618	10457
1302110022	1302050006	119046	10720
1302110022	1302050001	120135	10791
1302110022	1302100002	39537	3465
1302110022	1302050003	117835	10435
1302110022	1302050002	114990	10210
1302110022	1302110008	8952	828
1302110022	1302110009	4263	470
1302110022	1302110006	6383	584
1302110022	1302110007	26638	4378
1302110022	1302100014	60286	5823
1302110022	1302110005	15719	1261
1302110022	1302110002	22709	1963
1302110022	1302110003	20584	1715
1302110022	1302110001	24067	2016

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110022	1302031009	140838	12952
1302110022	1302040013	133007	12074
1302110022	1302040012	138357	12813
1302110022	1302040011	137972	12600
1302110022	1302040010	133440	12162
1302110022	1302040016	126935	11308
1302110022	1302040015	132540	12249
1302110022	1302040014	136714	12550
1302110022	1302100015	34068	2992
1302110022	1302012010	204459	19340
1302110023	1302030009	144801	13613
1302110023	1302030003	149606	14109
1302110023	1302030002	150273	14204
1302110023	1302030001	141544	13371
1302110023	1302070012	65243	5666
1302110023	1302030006	144200	13607
1302110023	1302030005	151273	14195
1302110023	1302030004	146654	13793
1302110023	1302090008	35133	3150
1302110023	1302110016	36225	5518
1302110023	1302011002	221510	21053
1302110023	1302011003	218445	20628
1302110023	1302011001	202132	18737
1302110023	1302011006	216434	20404
1302110023	1302011007	212877	19987
1302110023	1302011004	216894	20444
1302110023	1302011005	215689	20288
1302110023	1302011008	208164	19415
1302110023	1302011009	210647	19708
1302110023	1302100007	23686	2017
1302110023	1302100006	23025	1953
1302110023	1302100005	19465	1626
1302110023	1302100004	25469	2263
1302110023	1302100003	30930	2741
1302110023	1302100001	22234	1863
1302110023	1302011010	203202	18822

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110023	1302101005	37609	3445
1302110023	1302110004	11006	868
1302110023	1302030014	146820	13817
1302110023	1302100010	42424	3879
1302110023	1302100011	50840	4916
1302110023	1302030010	153222	14593
1302110023	1302100012	32520	2904
1302110023	1302101001	38214	3518
1302110023	1302101002	42853	3913
1302110023	1302070004	84787	7529
1302110023	1302031008	142298	13479
1302110023	1302030012	148510	13976
1302110023	1302101006	54024	5436
1302110023	1302031004	153442	14557
1302110023	1302031005	136333	12683
1302110023	1302031006	141524	13223
1302110023	1302031007	141051	13239
1302110023	1302031001	141613	13151
1302110023	1302031002	137924	12806
1302110023	1302031003	157368	15079
1302110023	1302020009	170381	16136
1302110023	1302060001	92680	8213
1302110023	1302070001	78140	6798
1302110023	1302101004	51749	5062
1302110023	1302020003	168287	15963
1302110023	1302020001	171781	16243
1302110023	1302020006	162673	15279
1302110023	1302020005	167563	15844
1302110023	1302090012	32205	2841
1302110023	1302090013	34845	3179
1302110023	1302090010	29773	2727
1302110023	1302090011	31325	2963
1302110023	1302090016	36362	3371
1302110023	1302090017	36362	3371
1302110023	1302090014	35177	3185
1302110023	1302090015	35842	3260

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110023	1302090018	36362	3371
1302110023	1302090019	40874	3959
1302110023	1302080001	51810	4615
1302110023	1302080002	56120	5199
1302110023	1302080003	60299	5269
1302110023	1302080004	56438	4982
1302110023	1302080005	52455	4799
1302110023	1302080006	55142	5087
1302110023	1302080007	56456	5269
1302110023	1302080008	59005	5628
1302110023	1302080009	61216	5428
1302110023	1302031010	133848	12414
1302110023	1302070009	84245	8009
1302110023	1302070008	78029	7018
1302110023	1302070007	77163	6887
1302110023	1302070006	72759	6433
1302110023	1302070005	73895	6514
1302110023	1302060009	99123	9398
1302110023	1302070003	68159	5927
1302110023	1302070002	71740	6405
1302110023	1302050010	102891	9085
1302110023	1302100017	24055	2098
1302110023	1302060006	91003	8224
1302110023	1302101003	47033	4306
1302110023	1302060008	94474	8575
1302110023	1302060007	87406	7742
1302110023	1302020011	168911	16017
1302110023	1302020010	172701	16314
1302110023	1302060004	96878	8694
1302110023	1302060005	95628	8801
1302110023	1302020015	167336	15802
1302110023	1302060003	94482	8395
1302110023	1302020017	159515	15003
1302110023	1302020016	165244	15535
1302110023	1302090001	32403	2826
1302110023	1302090003	34909	3155

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110023	1302090002	34829	3057
1302110023	1302090005	33502	2885
1302110023	1302090004	37884	3481
1302110023	1302090007	35344	3117
1302110023	1302090006	28179	2415
1302110023	1302090009	37385	3433
1302110023	1302060002	94758	8616
1302110023	1302070010	89975	8927
1302110023	1302040008	129072	11803
1302110023	1302040009	125566	11507
1302110023	1302070011	70275	6092
1302110023	1302040004	119851	10957
1302110023	1302040005	120346	11070
1302110023	1302040006	118923	10883
1302110023	1302040007	115712	10457
1302110023	1302100013	32520	2904
1302110023	1302040001	123605	11219
1302110023	1302040002	118299	10715
1302110023	1302040003	120670	11089
1302110023	1302021010	173762	16449
1302110023	1302050009	100723	8932
1302110023	1302050008	104412	9296
1302110023	1302100009	27834	2460
1302110023	1302100008	24757	2132
1302110023	1302050005	105208	9373
1302110023	1302050004	112132	10187
1302110023	1302050007	108792	9815
1302110023	1302050006	111220	10078
1302110023	1302050001	112309	10148
1302110023	1302100002	31710	2823
1302110023	1302050003	110009	9792
1302110023	1302050002	107164	9567
1302110023	1302110008	12916	1039
1302110023	1302110009	12090	1137
1302110023	1302110006	1892	160
1302110023	1302110007	30603	4589

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110023	1302100014	52460	5180
1302110023	1302110005	7893	618
1302110023	1302110002	14882	1320
1302110023	1302110003	12758	1073
1302110023	1302110001	16241	1373
1302110023	1302031009	133012	12309
1302110023	1302040013	125181	11431
1302110023	1302040012	130531	12170
1302110023	1302040011	130146	11957
1302110023	1302040010	125614	11520
1302110023	1302040016	119109	10665
1302110023	1302040015	124714	11606
1302110023	1302040014	128888	11907
1302110023	1302100015	26242	2349
1302110023	1302012010	196632	18697
1302030009	1302030003	4805	496
1302030009	1302030002	5472	591
1302030009	1302030001	15662	1915
1302030009	1302070012	79558	7724
1302030009	1302030006	2355	294
1302030009	1302030005	9345	997
1302030009	1302030004	1853	179
1302030009	1302090008	110584	10399
1302030009	1302110016	154337	16655
1302030009	1302011002	79582	7855
1302030009	1302011003	76517	7430
1302030009	1302011001	60204	5539
1302030009	1302011006	74506	7205
1302030009	1302011007	70949	6789
1302030009	1302011004	74966	7245
1302030009	1302011005	73761	7089
1302030009	1302011008	66236	6216
1302030009	1302011009	68719	6510
1302030009	1302100007	123779	11726
1302030009	1302100006	123118	11661
1302030009	1302100005	125330	11748



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030009	1302100004	120924	11683
1302030009	1302100003	131023	12450
1302030009	1302100001	122561	11522
1302030009	1302011010	61274	5623
1302030009	1302101005	137702	13154
1302030009	1302110004	133790	12498
1302030009	1302030014	4892	618
1302030009	1302100010	142516	13588
1302030009	1302100011	150933	14625
1302030009	1302030010	8421	979
1302030009	1302100012	132612	12612
1302030009	1302101001	138307	13227
1302030009	1302101002	142945	13622
1302030009	1302070004	71734	7139
1302030009	1302031008	12082	1594
1302030009	1302030012	3709	363
1302030009	1302101006	154116	15145
1302030009	1302031004	8641	943
1302030009	1302031005	8306	965
1302030009	1302031006	6050	775
1302030009	1302031007	15169	1783
1302030009	1302031001	3188	448
1302030009	1302031002	12042	1350
1302030009	1302031003	12567	1466
1302030009	1302020009	28453	2937
1302030009	1302060001	52121	5215
1302030009	1302070001	66661	6585
1302030009	1302101004	151842	14771
1302030009	1302020003	26359	2765
1302030009	1302020001	29853	3045
1302030009	1302020006	20745	2080
1302030009	1302020005	25635	2646
1302030009	1302090012	121296	11531
1302030009	1302090013	121636	11709
1302030009	1302090010	125227	12147
1302030009	1302090011	126779	12383

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030009	1302090016	123153	11901
1302030009	1302090017	123153	11901
1302030009	1302090014	121968	11715
1302030009	1302090015	122633	11790
1302030009	1302090018	123153	11901
1302030009	1302090019	120449	11751
1302030009	1302080001	93064	8817
1302030009	1302080002	98144	9483
1302030009	1302080003	84502	8122
1302030009	1302080004	88363	8406
1302030009	1302080005	94218	8961
1302030009	1302080006	97166	9370
1302030009	1302080007	98480	9552
1302030009	1302080008	101029	9911
1302030009	1302080009	85109	8313
1302030009	1302031010	10791	1234
1302030009	1302070009	83924	8826
1302030009	1302070008	77708	7835
1302030009	1302070007	76841	7704
1302030009	1302070006	74651	7472
1302030009	1302070005	73574	7331
1302030009	1302060009	59836	6480
1302030009	1302070003	76642	7472
1302030009	1302070002	74849	7463
1302030009	1302050010	47602	4991
1302030009	1302100017	122466	11580
1302030009	1302060006	55378	5684
1302030009	1302101003	147126	14015
1302030009	1302060008	63710	6500
1302030009	1302060007	57458	5733
1302030009	1302020011	26983	2819
1302030009	1302020010	30773	3115
1302030009	1302060004	53818	5566
1302030009	1302060005	55719	5805
1302030009	1302020015	25408	2603
1302030009	1302060003	50319	5033

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030009	1302020017	17586	1805
1302030009	1302020016	23316	2336
1302030009	1302090001	113281	10712
1302030009	1302090003	121700	11685
1302030009	1302090002	110294	10393
1302030009	1302090005	112678	10728
1302030009	1302090004	117458	11273
1302030009	1302090007	110674	10453
1302030009	1302090006	117334	11116
1302030009	1302090009	124176	11964
1302030009	1302060002	63994	6542
1302030009	1302070010	89653	9744
1302030009	1302040008	21383	2185
1302030009	1302040009	21525	2275
1302030009	1302070011	74526	7308
1302030009	1302040004	26865	3107
1302030009	1302040005	33281	3807
1302030009	1302040006	31858	3620
1302030009	1302040007	28177	3108
1302030009	1302100013	132612	12612
1302030009	1302040001	21196	2294
1302030009	1302040002	25589	2852
1302030009	1302040003	27684	3239
1302030009	1302021010	31834	3250
1302030009	1302050009	44222	4546
1302030009	1302050008	41818	4492
1302030009	1302100009	127927	12169
1302030009	1302100008	124850	11841
1302030009	1302050005	38681	4120
1302030009	1302050004	33992	3687
1302030009	1302050007	39500	4421
1302030009	1302050006	37750	4198
1302030009	1302050001	31580	3416
1302030009	1302100002	131803	12532
1302030009	1302050003	34816	3673
1302030009	1302050002	38960	4281

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030009	1302110008	157712	14417
1302030009	1302110009	156885	14515
1302030009	1302110006	146687	13539
1302030009	1302110007	175398	17967
1302030009	1302100014	152553	14889
1302030009	1302110005	136903	12749
1302030009	1302110002	132994	12457
1302030009	1302110003	132084	12347
1302030009	1302110001	128555	12007
1302030009	1302031009	11609	1335
1302030009	1302040013	20751	2256
1302030009	1302040012	23373	2633
1302030009	1302040011	14655	1556
1302030009	1302040010	19531	2048
1302030009	1302040016	27581	2983
1302030009	1302040015	26057	3126
1302030009	1302040014	21730	2370
1302030009	1302100015	119806	11510
1302030009	1302012010	54704	5499
1302030003	1302030002	824	127
1302030003	1302030001	20467	2411
1302030003	1302070012	84363	8220
1302030003	1302030006	7160	790
1302030003	1302030005	14149	1493
1302030003	1302030004	2946	316
1302030003	1302090008	115389	10895
1302030003	1302110016	159142	17151
1302030003	1302011002	84386	8350
1302030003	1302011003	81322	7926
1302030003	1302011001	65009	6035
1302030003	1302011006	79311	7701
1302030003	1302011007	75754	7285
1302030003	1302011004	79771	7741
1302030003	1302011005	78565	7585
1302030003	1302011008	71041	6712
1302030003	1302011009	73524	7006

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030003	1302100007	128584	12222
1302030003	1302100006	127923	12157
1302030003	1302100005	130135	12244
1302030003	1302100004	125729	12179
1302030003	1302100003	135828	12946
1302030003	1302100001	127366	12018
1302030003	1302011010	66079	6119
1302030003	1302101005	142507	13650
1302030003	1302110004	138595	12994
1302030003	1302030014	9697	1114
1302030003	1302100010	147321	14084
1302030003	1302100011	155738	15121
1302030003	1302030010	3774	515
1302030003	1302100012	137417	13108
1302030003	1302101001	143112	13723
1302030003	1302101002	147750	14118
1302030003	1302070004	76539	7635
1302030003	1302031008	16887	2090
1302030003	1302030012	1096	133
1302030003	1302101006	158921	15641
1302030003	1302031004	3993	479
1302030003	1302031005	13111	1461
1302030003	1302031006	10855	1271
1302030003	1302031007	19974	2279
1302030003	1302031001	7993	944
1302030003	1302031002	16847	1846
1302030003	1302031003	7919	1002
1302030003	1302020009	33257	3433
1302030003	1302060001	56925	5711
1302030003	1302070001	71466	7081
1302030003	1302101004	156647	15267
1302030003	1302020003	31164	3260
1302030003	1302020001	34658	3541
1302030003	1302020006	25550	2576
1302030003	1302020005	30440	3142
1302030003	1302090012	126101	12027

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030003	1302090013	126441	12205
1302030003	1302090010	130032	12643
1302030003	1302090011	131584	12879
1302030003	1302090016	127958	12397
1302030003	1302090017	127958	12397
1302030003	1302090014	126773	12211
1302030003	1302090015	127438	12286
1302030003	1302090018	127958	12397
1302030003	1302090019	125253	12247
1302030003	1302080001	97868	9313
1302030003	1302080002	102949	9979
1302030003	1302080003	89307	8618
1302030003	1302080004	93167	8901
1302030003	1302080005	99023	9457
1302030003	1302080006	101971	9866
1302030003	1302080007	103285	10048
1302030003	1302080008	105834	10407
1302030003	1302080009	89913	8809
1302030003	1302031010	15595	1730
1302030003	1302070009	88729	9322
1302030003	1302070008	82513	8331
1302030003	1302070007	81646	8199
1302030003	1302070006	79455	7968
1302030003	1302070005	78379	7827
1302030003	1302060009	64641	6976
1302030003	1302070003	81447	7968
1302030003	1302070002	79654	7959
1302030003	1302050010	52407	5487
1302030003	1302100017	127271	12076
1302030003	1302060006	60182	6180
1302030003	1302101003	151931	14510
1302030003	1302060008	68515	6996
1302030003	1302060007	62263	6229
1302030003	1302020011	31788	3315
1302030003	1302020010	35578	3611
1302030003	1302060004	58623	6062

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030003	1302060005	60524	6301
1302030003	1302020015	30213	3099
1302030003	1302060003	55124	5529
1302030003	1302020017	22391	2301
1302030003	1302020016	28121	2832
1302030003	1302090001	118086	11208
1302030003	1302090003	126505	12181
1302030003	1302090002	115099	10889
1302030003	1302090005	117483	11224
1302030003	1302090004	122263	11769
1302030003	1302090007	115479	10949
1302030003	1302090006	122139	11612
1302030003	1302090009	128981	12460
1302030003	1302060002	68799	7038
1302030003	1302070010	94458	10240
1302030003	1302040008	26188	2680
1302030003	1302040009	26330	2771
1302030003	1302070011	79331	7804
1302030003	1302040004	31669	3603
1302030003	1302040005	38086	4303
1302030003	1302040006	36663	4116
1302030003	1302040007	32982	3604
1302030003	1302100013	137417	13108
1302030003	1302040001	26001	2790
1302030003	1302040002	30394	3348
1302030003	1302040003	32489	3735
1302030003	1302021010	36638	3746
1302030003	1302050009	49027	5042
1302030003	1302050008	46623	4988
1302030003	1302100009	132732	12665
1302030003	1302100008	129655	12337
1302030003	1302050005	43486	4616
1302030003	1302050004	38797	4183
1302030003	1302050007	44305	4917
1302030003	1302050006	42555	4694
1302030003	1302050001	36385	3912

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030003	1302100002	136608	13027
1302030003	1302050003	39621	4168
1302030003	1302050002	43765	4777
1302030003	1302110008	162517	14913
1302030003	1302110009	161690	15011
1302030003	1302110006	151492	14034
1302030003	1302110007	180203	18463
1302030003	1302100014	157357	15385
1302030003	1302110005	141708	13245
1302030003	1302110002	137799	12953
1302030003	1302110003	136889	12843
1302030003	1302110001	133360	12503
1302030003	1302031009	16414	1831
1302030003	1302040013	25556	2752
1302030003	1302040012	28178	3129
1302030003	1302040011	19460	2052
1302030003	1302040010	24335	2544
1302030003	1302040016	32386	3479
1302030003	1302040015	30862	3622
1302030003	1302040014	26535	2866
1302030003	1302100015	124611	12006
1302030003	1302012010	59509	5994
1302030002	1302030001	21134	2504
1302030002	1302070012	85030	8313
1302030002	1302030006	7827	884
1302030002	1302030005	14816	1587
1302030002	1302030004	3613	410
1302030002	1302090008	116056	10989
1302030002	1302110016	159809	17245
1302030002	1302011002	85053	8444
1302030002	1302011003	81989	8020
1302030002	1302011001	65676	6129
1302030002	1302011006	79978	7795
1302030002	1302011007	76421	7379
1302030002	1302011004	80438	7835
1302030002	1302011005	79233	7679



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030002	1302011008	71708	6806
1302030002	1302011009	74191	7100
1302030002	1302100007	129251	12316
1302030002	1302100006	128590	12251
1302030002	1302100005	130802	12337
1302030002	1302100004	126396	12273
1302030002	1302100003	136495	13040
1302030002	1302100001	128033	12112
1302030002	1302011010	66746	6213
1302030002	1302101005	143174	13744
1302030002	1302110004	139262	13088
1302030002	1302030014	10364	1208
1302030002	1302100010	147988	14178
1302030002	1302100011	156405	15215
1302030002	1302030010	3439	465
1302030002	1302100012	138084	13202
1302030002	1302101001	143779	13817
1302030002	1302101002	148417	14212
1302030002	1302070004	77206	7729
1302030002	1302031008	17554	2184
1302030002	1302030012	1763	227
1302030002	1302101006	159588	15735
1302030002	1302031004	4389	538
1302030002	1302031005	13778	1555
1302030002	1302031006	11522	1365
1302030002	1302031007	20641	2373
1302030002	1302031001	8660	1038
1302030002	1302031002	17514	1940
1302030002	1302031003	7095	875
1302030002	1302020009	33924	3527
1302030002	1302060001	57592	5805
1302030002	1302070001	72133	7175
1302030002	1302101004	157314	15361
1302030002	1302020003	31831	3354
1302030002	1302020001	35325	3635
1302030002	1302020006	26217	2670

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030002	1302020005	31107	3236
1302030002	1302090012	126768	12121
1302030002	1302090013	127108	12299
1302030002	1302090010	130699	12737
1302030002	1302090011	132251	12973
1302030002	1302090016	128625	12491
1302030002	1302090017	128625	12491
1302030002	1302090014	127440	12305
1302030002	1302090015	128105	12380
1302030002	1302090018	128625	12491
1302030002	1302090019	125921	12341
1302030002	1302080001	98536	9407
1302030002	1302080002	103616	10073
1302030002	1302080003	89974	8711
1302030002	1302080004	93834	8995
1302030002	1302080005	99690	9551
1302030002	1302080006	102638	9960
1302030002	1302080007	103952	10142
1302030002	1302080008	106501	10501
1302030002	1302080009	90580	8903
1302030002	1302031010	16263	1824
1302030002	1302070009	89396	9416
1302030002	1302070008	83180	8425
1302030002	1302070007	82313	8293
1302030002	1302070006	80123	8062
1302030002	1302070005	79046	7921
1302030002	1302060009	65308	7070
1302030002	1302070003	82114	8062
1302030002	1302070002	80321	8053
1302030002	1302050010	53074	5581
1302030002	1302100017	127938	12170
1302030002	1302060006	60850	6274
1302030002	1302101003	152598	14604
1302030002	1302060008	69182	7090
1302030002	1302060007	62930	6322
1302030002	1302020011	32455	3409

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030002	1302020010	36245	3705
1302030002	1302060004	59290	6156
1302030002	1302060005	61191	6395
1302030002	1302020015	30880	3193
1302030002	1302060003	55791	5623
1302030002	1302020017	23058	2395
1302030002	1302020016	28788	2926
1302030002	1302090001	118753	11302
1302030002	1302090003	127172	12275
1302030002	1302090002	115766	10983
1302030002	1302090005	118150	11318
1302030002	1302090004	122930	11863
1302030002	1302090007	116146	11043
1302030002	1302090006	122806	11706
1302030002	1302090009	129648	12554
1302030002	1302060002	69466	7132
1302030002	1302070010	95125	10334
1302030002	1302040008	26855	2774
1302030002	1302040009	26997	2865
1302030002	1302070011	79998	7898
1302030002	1302040004	32336	3697
1302030002	1302040005	38753	4397
1302030002	1302040006	37330	4210
1302030002	1302040007	33649	3697
1302030002	1302100013	138084	13202
1302030002	1302040001	26668	2884
1302030002	1302040002	31061	3442
1302030002	1302040003	33156	3829
1302030002	1302021010	37306	3840
1302030002	1302050009	49694	5136
1302030002	1302050008	47290	5082
1302030002	1302100009	133399	12759
1302030002	1302100008	130322	12431
1302030002	1302050005	44153	4710
1302030002	1302050004	39464	4277
1302030002	1302050007	44972	5011

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030002	1302050006	43222	4788
1302030002	1302050001	37052	4006
1302030002	1302100002	137275	13121
1302030002	1302050003	40288	4262
1302030002	1302050002	44432	4871
1302030002	1302110008	163184	15007
1302030002	1302110009	162357	15105
1302030002	1302110006	152159	14128
1302030002	1302110007	180870	18557
1302030002	1302100014	158024	15479
1302030002	1302110005	142375	13339
1302030002	1302110002	138466	13047
1302030002	1302110003	137556	12937
1302030002	1302110001	134027	12597
1302030002	1302031009	17081	1925
1302030002	1302040013	26223	2846
1302030002	1302040012	28845	3223
1302030002	1302040011	20127	2146
1302030002	1302040010	25002	2638
1302030002	1302040016	33053	3572
1302030002	1302040015	31529	3716
1302030002	1302040014	27202	2960
1302030002	1302100015	125278	12100
1302030002	1302012010	60176	6088
1302030001	1302070012	76301	7656
1302030001	1302030006	15125	1969
1302030001	1302030005	22198	2558
1302030001	1302030004	17579	2155
1302030001	1302090008	107327	10331
1302030001	1302110016	151080	16587
1302030001	1302011002	92435	9415
1302030001	1302011003	89371	8991
1302030001	1302011001	73058	7100
1302030001	1302011006	87360	8766
1302030001	1302011007	83803	8350
1302030001	1302011004	87820	8806

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030001	1302011005	86614	8650
1302030001	1302011008	79090	7777
1302030001	1302011009	81573	8071
1302030001	1302100007	120522	11658
1302030001	1302100006	119861	11593
1302030001	1302100005	122073	11680
1302030001	1302100004	117667	11615
1302030001	1302100003	127766	12382
1302030001	1302100001	119304	11454
1302030001	1302011010	74128	7184
1302030001	1302101005	134445	13086
1302030001	1302110004	130533	12430
1302030001	1302030014	17746	2179
1302030001	1302100010	139259	13520
1302030001	1302100011	147676	14557
1302030001	1302030010	24148	2955
1302030001	1302100012	129355	12544
1302030001	1302101001	135050	13159
1302030001	1302101002	139688	13554
1302030001	1302070004	68477	7071
1302030001	1302031008	13265	1871
1302030001	1302030012	19435	2339
1302030001	1302101006	150859	15077
1302030001	1302031004	24367	2919
1302030001	1302031005	7356	935
1302030001	1302031006	12450	1586
1302030001	1302031007	493	131
1302030001	1302031001	12539	1513
1302030001	1302031002	3620	559
1302030001	1302031003	28294	3442
1302030001	1302020009	41306	4498
1302030001	1302060001	48863	5147
1302030001	1302070001	63404	6517
1302030001	1302101004	148585	14703
1302030001	1302020003	39213	4325
1302030001	1302020001	42706	4606

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030001	1302020006	33599	3641
1302030001	1302020005	38489	4207
1302030001	1302090012	118039	11463
1302030001	1302090013	118379	11641
1302030001	1302090010	121970	12079
1302030001	1302090011	123522	12315
1302030001	1302090016	119896	11833
1302030001	1302090017	119896	11833
1302030001	1302090014	118711	11647
1302030001	1302090015	119376	11722
1302030001	1302090018	119896	11833
1302030001	1302090019	117191	11683
1302030001	1302080001	89806	8749
1302030001	1302080002	94887	9415
1302030001	1302080003	81245	8054
1302030001	1302080004	85105	8337
1302030001	1302080005	90961	8893
1302030001	1302080006	93909	9302
1302030001	1302080007	95223	9484
1302030001	1302080008	97772	9843
1302030001	1302080009	81851	8245
1302030001	1302031010	7696	1031
1302030001	1302070009	80667	8758
1302030001	1302070008	74451	7767
1302030001	1302070007	73584	7635
1302030001	1302070006	71393	7404
1302030001	1302070005	70317	7263
1302030001	1302060009	56579	6412
1302030001	1302070003	73385	7404
1302030001	1302070002	71592	7395
1302030001	1302050010	44345	4923
1302030001	1302100017	119209	11512
1302030001	1302060006	52120	5616
1302030001	1302101003	143869	13946
1302030001	1302060008	60453	6432
1302030001	1302060007	54201	5665

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030001	1302020011	39837	4380
1302030001	1302020010	43627	4676
1302030001	1302060004	50561	5498
1302030001	1302060005	52462	5737
1302030001	1302020015	38262	4164
1302030001	1302060003	47062	4965
1302030001	1302020017	30440	3366
1302030001	1302020016	36170	3897
1302030001	1302090001	110024	10644
1302030001	1302090003	118443	11617
1302030001	1302090002	107037	10325
1302030001	1302090005	109421	10660
1302030001	1302090004	114201	11205
1302030001	1302090007	107417	10385
1302030001	1302090006	114077	11048
1302030001	1302090009	120919	11896
1302030001	1302060002	60737	6474
1302030001	1302070010	86396	9676
1302030001	1302040008	18126	2116
1302030001	1302040009	18268	2207
1302030001	1302070011	71269	7240
1302030001	1302040004	23607	3039
1302030001	1302040005	30024	3739
1302030001	1302040006	28601	3552
1302030001	1302040007	24920	3040
1302030001	1302100013	129355	12544
1302030001	1302040001	17939	2226
1302030001	1302040002	22332	2784
1302030001	1302040003	24427	3171
1302030001	1302021010	44687	4811
1302030001	1302050009	40965	4478
1302030001	1302050008	38561	4424
1302030001	1302100009	124670	12101
1302030001	1302100008	121593	11773
1302030001	1302050005	35424	4052
1302030001	1302050004	30735	3619

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030001	1302050007	36243	4353
1302030001	1302050006	34493	4130
1302030001	1302050001	28323	3348
1302030001	1302100002	128546	12463
1302030001	1302050003	31559	3604
1302030001	1302050002	35703	4213
1302030001	1302110008	154455	14349
1302030001	1302110009	153628	14447
1302030001	1302110006	143430	13470
1302030001	1302110007	172141	17899
1302030001	1302100014	149295	14821
1302030001	1302110005	133646	12681
1302030001	1302110002	129737	12389
1302030001	1302110003	128827	12279
1302030001	1302110001	125298	11939
1302030001	1302031009	8514	1133
1302030001	1302040013	17494	2188
1302030001	1302040012	20116	2565
1302030001	1302040011	11398	1488
1302030001	1302040010	16273	1980
1302030001	1302040016	24324	2915
1302030001	1302040015	22800	3058
1302030001	1302040014	18473	2302
1302030001	1302100015	116549	11442
1302030001	1302012010	67558	7059
1302070012	1302030006	78957	7940
1302070012	1302030005	86030	8529
1302070012	1302030004	81411	8127
1302070012	1302090008	31026	2676
1302070012	1302110016	74779	8932
1302070012	1302011002	156267	15387
1302070012	1302011003	153202	14962
1302070012	1302011001	136889	13071
1302070012	1302011006	151191	14738
1302070012	1302011007	147635	14321
1302070012	1302011004	151652	14777



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070012	1302011005	150446	14622
1302070012	1302011008	142921	13749
1302070012	1302011009	145404	14042
1302070012	1302100007	44221	4002
1302070012	1302100006	43559	3938
1302070012	1302100005	45772	4024
1302070012	1302100004	41365	3959
1302070012	1302100003	51465	4726
1302070012	1302100001	43003	3798
1302070012	1302011010	137960	13155
1302070012	1302101005	58143	5430
1302070012	1302110004	54232	4774
1302070012	1302030014	81578	8150
1302070012	1302100010	62958	5864
1302070012	1302100011	71374	6902
1302070012	1302030010	87979	8927
1302070012	1302100012	53054	4889
1302070012	1302101001	58749	5503
1302070012	1302101002	63387	5898
1302070012	1302070004	19544	1863
1302070012	1302031008	77055	7813
1302070012	1302030012	83267	8310
1302070012	1302101006	74558	7421
1302070012	1302031004	88199	8891
1302070012	1302031005	71090	7017
1302070012	1302031006	76281	7557
1302070012	1302031007	75808	7573
1302070012	1302031001	76370	7485
1302070012	1302031002	72681	7140
1302070012	1302031003	92125	9413
1302070012	1302020009	105138	10469
1302070012	1302060001	27438	2547
1302070012	1302070001	12898	1131
1302070012	1302101004	72284	7047
1302070012	1302020003	103044	10297
1302070012	1302020001	106538	10577

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070012	1302020006	97430	9613
1302070012	1302020005	102320	10178
1302070012	1302090012	41737	3808
1302070012	1302090013	42078	3985
1302070012	1302090010	45669	4423
1302070012	1302090011	47221	4659
1302070012	1302090016	43595	4177
1302070012	1302090017	43595	4177
1302070012	1302090014	42410	3992
1302070012	1302090015	43075	4067
1302070012	1302090018	43595	4177
1302070012	1302090019	40890	4028
1302070012	1302080001	13505	1093
1302070012	1302080002	18586	1759
1302070012	1302080003	4944	398
1302070012	1302080004	8804	682
1302070012	1302080005	14660	1237
1302070012	1302080006	17608	1647
1302070012	1302080007	18921	1828
1302070012	1302080008	21471	2188
1302070012	1302080009	5550	590
1302070012	1302031010	68606	6747
1302070012	1302070009	19003	2343
1302070012	1302070008	12787	1352
1302070012	1302070007	11920	1220
1302070012	1302070006	7517	767
1302070012	1302070005	8652	848
1302070012	1302060009	33881	3732
1302070012	1302070003	2916	260
1302070012	1302070002	6497	738
1302070012	1302050010	37648	3419
1302070012	1302100017	42908	3856
1302070012	1302060006	25760	2558
1302070012	1302101003	67568	6291
1302070012	1302060008	29231	2909
1302070012	1302060007	22163	2076

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070012	1302020011	103668	10351
1302070012	1302020010	107458	10648
1302070012	1302060004	31635	3028
1302070012	1302060005	30385	3134
1302070012	1302020015	102093	10136
1302070012	1302060003	29239	2729
1302070012	1302020017	94272	9337
1302070012	1302020016	100002	9868
1302070012	1302090001	33723	2988
1302070012	1302090003	42142	3962
1302070012	1302090002	30736	2669
1302070012	1302090005	33120	3005
1302070012	1302090004	37900	3549
1302070012	1302090007	31116	2729
1302070012	1302090006	37775	3393
1302070012	1302090009	44617	4240
1302070012	1302060002	29515	2950
1302070012	1302070010	24732	3261
1302070012	1302040008	63829	6137
1302070012	1302040009	60323	5841
1302070012	1302070011	5032	426
1302070012	1302040004	54608	5291
1302070012	1302040005	55103	5404
1302070012	1302040006	53680	5217
1302070012	1302040007	50469	4790
1302070012	1302100013	53054	4889
1302070012	1302040001	58362	5553
1302070012	1302040002	53057	5049
1302070012	1302040003	55427	5423
1302070012	1302021010	108519	10782
1302070012	1302050009	35480	3266
1302070012	1302050008	39169	3630
1302070012	1302100009	48369	4446
1302070012	1302100008	45291	4118
1302070012	1302050005	39965	3707
1302070012	1302050004	46889	4521

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070012	1302050007	43549	4148
1302070012	1302050006	45977	4411
1302070012	1302050001	47066	4482
1302070012	1302100002	52245	4808
1302070012	1302050003	44766	4126
1302070012	1302050002	41921	3901
1302070012	1302110008	78154	6693
1302070012	1302110009	77327	6792
1302070012	1302110006	67129	5815
1302070012	1302110007	95840	10244
1302070012	1302100014	72994	7165
1302070012	1302110005	57344	5026
1302070012	1302110002	53435	4734
1302070012	1302110003	52525	4624
1302070012	1302110001	48997	4283
1302070012	1302031009	67769	6643
1302070012	1302040013	59938	5765
1302070012	1302040012	65288	6504
1302070012	1302040011	64903	6291
1302070012	1302040010	60371	5853
1302070012	1302040016	53866	4999
1302070012	1302040015	59471	5940
1302070012	1302040014	63645	6241
1302070012	1302100015	40248	3787
1302070012	1302012010	131390	13031
1302030006	1302030005	7490	765
1302030006	1302030004	4208	480
1302030006	1302090008	109983	10392
1302030006	1302110016	153736	16648
1302030006	1302011002	77727	7623
1302030006	1302011003	74663	7198
1302030006	1302011001	58350	5307
1302030006	1302011006	72652	6974
1302030006	1302011007	69095	6557
1302030006	1302011004	73112	7013
1302030006	1302011005	71906	6858

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030006	1302011008	64382	5985
1302030006	1302011009	66865	6278
1302030006	1302100007	123178	11719
1302030006	1302100006	122516	11654
1302030006	1302100005	124729	11741
1302030006	1302100004	120322	11676
1302030006	1302100003	130422	12443
1302030006	1302100001	121960	11515
1302030006	1302011010	59420	5392
1302030006	1302101005	137100	13147
1302030006	1302110004	133189	12491
1302030006	1302030014	3038	386
1302030006	1302100010	141915	13581
1302030006	1302100011	150331	14618
1302030006	1302030010	10776	1280
1302030006	1302100012	132011	12605
1302030006	1302101001	137706	13220
1302030006	1302101002	142344	13615
1302030006	1302070004	71133	7132
1302030006	1302031008	11481	1587
1302030006	1302030012	6064	663
1302030006	1302101006	153515	15138
1302030006	1302031004	10996	1244
1302030006	1302031005	7705	958
1302030006	1302031006	5449	768
1302030006	1302031007	14568	1776
1302030006	1302031001	2587	441
1302030006	1302031002	11441	1343
1302030006	1302031003	14922	1766
1302030006	1302020009	26598	2705
1302030006	1302060001	51519	5208
1302030006	1302070001	66059	6578
1302030006	1302101004	151241	14764
1302030006	1302020003	24505	2533
1302030006	1302020001	27998	2813
1302030006	1302020006	18890	1849

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030006	1302020005	23781	2414
1302030006	1302090012	120694	11524
1302030006	1302090013	121035	11702
1302030006	1302090010	124626	12140
1302030006	1302090011	126178	12376
1302030006	1302090016	122552	11894
1302030006	1302090017	122552	11894
1302030006	1302090014	121367	11708
1302030006	1302090015	122032	11783
1302030006	1302090018	122552	11894
1302030006	1302090019	119847	11744
1302030006	1302080001	92462	8810
1302030006	1302080002	97543	9476
1302030006	1302080003	83901	8114
1302030006	1302080004	87761	8398
1302030006	1302080005	93617	8954
1302030006	1302080006	96565	9363
1302030006	1302080007	97878	9545
1302030006	1302080008	100428	9904
1302030006	1302080009	84507	8306
1302030006	1302031010	10189	1227
1302030006	1302070009	83323	8819
1302030006	1302070008	77107	7828
1302030006	1302070007	76240	7696
1302030006	1302070006	74049	7465
1302030006	1302070005	72972	7324
1302030006	1302060009	59235	6473
1302030006	1302070003	76041	7465
1302030006	1302070002	74248	7456
1302030006	1302050010	47001	4984
1302030006	1302100017	121865	11573
1302030006	1302060006	54776	5677
1302030006	1302101003	146525	14007
1302030006	1302060008	63109	6493
1302030006	1302060007	56856	5725
1302030006	1302020011	25129	2587

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030006	1302020010	28918	2884
1302030006	1302060004	53217	5559
1302030006	1302060005	55117	5798
1302030006	1302020015	23553	2372
1302030006	1302060003	49718	5026
1302030006	1302020017	15732	1573
1302030006	1302020016	21462	2105
1302030006	1302090001	112680	10705
1302030006	1302090003	121099	11678
1302030006	1302090002	109693	10386
1302030006	1302090005	112077	10721
1302030006	1302090004	116857	11266
1302030006	1302090007	110073	10446
1302030006	1302090006	116732	11109
1302030006	1302090009	123574	11957
1302030006	1302060002	63393	6535
1302030006	1302070010	89052	9737
1302030006	1302040008	20782	2177
1302030006	1302040009	20923	2268
1302030006	1302070011	73925	7301
1302030006	1302040004	26263	3100
1302030006	1302040005	32680	3800
1302030006	1302040006	31257	3613
1302030006	1302040007	27576	3101
1302030006	1302100013	132011	12605
1302030006	1302040001	20595	2287
1302030006	1302040002	24988	2845
1302030006	1302040003	27083	3232
1302030006	1302021010	29979	3018
1302030006	1302050009	43621	4539
1302030006	1302050008	41217	4485
1302030006	1302100009	127326	12162
1302030006	1302100008	124248	11834
1302030006	1302050005	38080	4113
1302030006	1302050004	33390	3680
1302030006	1302050007	38899	4414

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030006	1302050006	37149	4191
1302030006	1302050001	30979	3409
1302030006	1302100002	131202	12524
1302030006	1302050003	34215	3665
1302030006	1302050002	38359	4274
1302030006	1302110008	157111	14410
1302030006	1302110009	156284	14508
1302030006	1302110006	146086	13531
1302030006	1302110007	174797	17960
1302030006	1302100014	151951	14882
1302030006	1302110005	136301	12742
1302030006	1302110002	132392	12450
1302030006	1302110003	131482	12340
1302030006	1302110001	127954	12000
1302030006	1302031009	11007	1328
1302030006	1302040013	20150	2249
1302030006	1302040012	22771	2626
1302030006	1302040011	14054	1549
1302030006	1302040010	18929	2041
1302030006	1302040016	26980	2975
1302030006	1302040015	25456	3119
1302030006	1302040014	21128	2363
1302030006	1302100015	119205	11503
1302030006	1302012010	52850	5267
1302030005	1302030004	11197	1107
1302030005	1302090008	117055	10996
1302030005	1302110016	160809	17252
1302030005	1302011002	70237	6858
1302030005	1302011003	67173	6433
1302030005	1302011001	50860	4542
1302030005	1302011006	65161	6208
1302030005	1302011007	61605	5792
1302030005	1302011004	65622	6248
1302030005	1302011005	64416	6092
1302030005	1302011008	56892	5219
1302030005	1302011009	59374	5513



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030005	1302100007	130250	12323
1302030005	1302100006	129589	12258
1302030005	1302100005	131802	12345
1302030005	1302100004	127395	12280
1302030005	1302100003	137495	13047
1302030005	1302100001	129033	12119
1302030005	1302011010	51930	4626
1302030005	1302101005	144173	13751
1302030005	1302110004	140261	13095
1302030005	1302030014	4452	379
1302030005	1302100010	148988	14185
1302030005	1302100011	157404	15222
1302030005	1302030010	17766	1907
1302030005	1302100012	139084	13209
1302030005	1302101001	144778	13824
1302030005	1302101002	149417	14219
1302030005	1302070004	78206	7736
1302030005	1302031008	18553	2191
1302030005	1302030012	13053	1290
1302030005	1302101006	160588	15742
1302030005	1302031004	17985	1870
1302030005	1302031005	14777	1562
1302030005	1302031006	12522	1372
1302030005	1302031007	21641	2380
1302030005	1302031001	9659	1045
1302030005	1302031002	18514	1947
1302030005	1302031003	21911	2393
1302030005	1302020009	19108	1940
1302030005	1302060001	58592	5812
1302030005	1302070001	73132	7182
1302030005	1302101004	158314	15368
1302030005	1302020003	17014	1768
1302030005	1302020001	20508	2048
1302030005	1302020006	11400	1083
1302030005	1302020005	16291	1649
1302030005	1302090012	127767	12128

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030005	1302090013	128107	12306
1302030005	1302090010	131699	12744
1302030005	1302090011	133251	12980
1302030005	1302090016	129625	12498
1302030005	1302090017	129625	12498
1302030005	1302090014	128440	12312
1302030005	1302090015	129105	12387
1302030005	1302090018	129625	12498
1302030005	1302090019	126920	12348
1302030005	1302080001	99535	9414
1302030005	1302080002	104615	10080
1302030005	1302080003	90973	8719
1302030005	1302080004	94834	9002
1302030005	1302080005	100689	9558
1302030005	1302080006	103638	9967
1302030005	1302080007	104951	10149
1302030005	1302080008	107501	10508
1302030005	1302080009	91580	8910
1302030005	1302031010	17262	1831
1302030005	1302070009	90395	9423
1302030005	1302070008	84179	8432
1302030005	1302070007	83313	8300
1302030005	1302070006	81122	8069
1302030005	1302070005	80045	7928
1302030005	1302060009	66308	7077
1302030005	1302070003	83114	8069
1302030005	1302070002	81321	8060
1302030005	1302050010	54074	5588
1302030005	1302100017	128938	12177
1302030005	1302060006	61849	6281
1302030005	1302101003	153598	14611
1302030005	1302060008	70182	7097
1302030005	1302060007	63929	6330
1302030005	1302020011	17638	1822
1302030005	1302020010	21428	2118
1302030005	1302060004	60289	6163

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030005	1302060005	62190	6402
1302030005	1302020015	16063	1606
1302030005	1302060003	56791	5630
1302030005	1302020017	8242	808
1302030005	1302020016	13972	1339
1302030005	1302090001	119753	11309
1302030005	1302090003	128171	12282
1302030005	1302090002	116766	10990
1302030005	1302090005	119149	11325
1302030005	1302090004	123930	11870
1302030005	1302090007	117146	11050
1302030005	1302090006	123805	11713
1302030005	1302090009	130647	12561
1302030005	1302060002	70466	7139
1302030005	1302070010	96125	10341
1302030005	1302040008	27855	2781
1302030005	1302040009	27996	2872
1302030005	1302070011	80998	7905
1302030005	1302040004	33336	3704
1302030005	1302040005	39752	4404
1302030005	1302040006	38329	4217
1302030005	1302040007	34649	3705
1302030005	1302100013	139084	13209
1302030005	1302040001	27668	2891
1302030005	1302040002	32061	3449
1302030005	1302040003	34155	3836
1302030005	1302021010	22489	2253
1302030005	1302050009	50694	5143
1302030005	1302050008	48290	5089
1302030005	1302100009	134398	12766
1302030005	1302100008	131321	12438
1302030005	1302050005	45152	4717
1302030005	1302050004	40463	4284
1302030005	1302050007	45972	5018
1302030005	1302050006	44222	4795
1302030005	1302050001	38052	4013

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030005	1302100002	138275	13128
1302030005	1302050003	41287	4269
1302030005	1302050002	45431	4878
1302030005	1302110008	164184	15014
1302030005	1302110009	163357	15112
1302030005	1302110006	153159	14135
1302030005	1302110007	181870	18564
1302030005	1302100014	159024	15486
1302030005	1302110005	143374	13346
1302030005	1302110002	139465	13054
1302030005	1302110003	138555	12944
1302030005	1302110001	135027	12604
1302030005	1302031009	18080	1932
1302030005	1302040013	27223	2853
1302030005	1302040012	29844	3230
1302030005	1302040011	21127	2153
1302030005	1302040010	26002	2645
1302030005	1302040016	34053	3580
1302030005	1302040015	32529	3723
1302030005	1302040014	28201	2967
1302030005	1302100015	126278	12107
1302030005	1302012010	45360	4502
1302030004	1302090008	112437	10579
1302030004	1302110016	156190	16835
1302030004	1302011002	81434	8034
1302030004	1302011003	78370	7609
1302030004	1302011001	62057	5718
1302030004	1302011006	76359	7385
1302030004	1302011007	72802	6968
1302030004	1302011004	76819	7424
1302030004	1302011005	75613	7269
1302030004	1302011008	68089	6396
1302030004	1302011009	70572	6689
1302030004	1302100007	125632	11905
1302030004	1302100006	124970	11841
1302030004	1302100005	127183	11927

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030004	1302100004	122776	11862
1302030004	1302100003	132876	12629
1302030004	1302100001	124414	11701
1302030004	1302011010	63127	5802
1302030004	1302101005	139554	13333
1302030004	1302110004	135643	12677
1302030004	1302030014	6745	797
1302030004	1302100010	144369	13767
1302030004	1302100011	152785	14804
1302030004	1302030010	6562	799
1302030004	1302100012	134465	12792
1302030004	1302101001	140160	13406
1302030004	1302101002	144798	13801
1302030004	1302070004	73587	7318
1302030004	1302031008	13935	1773
1302030004	1302030012	1850	183
1302030004	1302101006	155969	15324
1302030004	1302031004	6782	763
1302030004	1302031005	10159	1144
1302030004	1302031006	7903	954
1302030004	1302031007	17022	1962
1302030004	1302031001	5040	627
1302030004	1302031002	13895	1529
1302030004	1302031003	10708	1286
1302030004	1302020009	30305	3116
1302030004	1302060001	53973	5394
1302030004	1302070001	68513	6765
1302030004	1302101004	153695	14950
1302030004	1302020003	28212	2944
1302030004	1302020001	31705	3224
1302030004	1302020006	22598	2260
1302030004	1302020005	27488	2825
1302030004	1302090012	123148	11711
1302030004	1302090013	123489	11888
1302030004	1302090010	127080	12326
1302030004	1302090011	128632	12562

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030004	1302090016	125006	12080
1302030004	1302090017	125006	12080
1302030004	1302090014	123821	11895
1302030004	1302090015	124486	11970
1302030004	1302090018	125006	12080
1302030004	1302090019	122301	11931
1302030004	1302080001	94916	8996
1302030004	1302080002	99997	9662
1302030004	1302080003	86354	8301
1302030004	1302080004	90215	8585
1302030004	1302080005	96071	9140
1302030004	1302080006	99019	9550
1302030004	1302080007	100332	9731
1302030004	1302080008	102882	10091
1302030004	1302080009	86961	8493
1302030004	1302031010	12643	1413
1302030004	1302070009	85777	9006
1302030004	1302070008	79561	8014
1302030004	1302070007	78694	7883
1302030004	1302070006	76503	7652
1302030004	1302070005	75426	7510
1302030004	1302060009	61689	6660
1302030004	1302070003	78495	7651
1302030004	1302070002	76702	7642
1302030004	1302050010	49455	5171
1302030004	1302100017	124319	11759
1302030004	1302060006	57230	5863
1302030004	1302101003	148979	14194
1302030004	1302060008	65563	6680
1302030004	1302060007	59310	5912
1302030004	1302020011	28836	2998
1302030004	1302020010	32626	3295
1302030004	1302060004	55670	5745
1302030004	1302060005	57571	5984
1302030004	1302020015	27260	2783
1302030004	1302060003	52172	5212

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030004	1302020017	19439	1984
1302030004	1302020016	25169	2515
1302030004	1302090001	115134	10891
1302030004	1302090003	123553	11865
1302030004	1302090002	112147	10572
1302030004	1302090005	114531	10907
1302030004	1302090004	119311	11452
1302030004	1302090007	112527	10632
1302030004	1302090006	119186	11296
1302030004	1302090009	126028	12143
1302030004	1302060002	65847	6721
1302030004	1302070010	91506	9923
1302030004	1302040008	23236	2364
1302030004	1302040009	23377	2455
1302030004	1302070011	76379	7487
1302030004	1302040004	28717	3286
1302030004	1302040005	35133	3987
1302030004	1302040006	33711	3799
1302030004	1302040007	30030	3287
1302030004	1302100013	134465	12792
1302030004	1302040001	23049	2473
1302030004	1302040002	27442	3032
1302030004	1302040003	29536	3418
1302030004	1302021010	33686	3429
1302030004	1302050009	46075	4725
1302030004	1302050008	43671	4671
1302030004	1302100009	129780	12348
1302030004	1302100008	126702	12021
1302030004	1302050005	40534	4300
1302030004	1302050004	35844	3866
1302030004	1302050007	41353	4601
1302030004	1302050006	39603	4378
1302030004	1302050001	33433	3595
1302030004	1302100002	133656	12711
1302030004	1302050003	36669	3852
1302030004	1302050002	40812	4461

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030004	1302110008	159565	14596
1302030004	1302110009	158738	14695
1302030004	1302110006	148540	13718
1302030004	1302110007	177251	18147
1302030004	1302100014	154405	15068
1302030004	1302110005	138755	12929
1302030004	1302110002	134846	12637
1302030004	1302110003	133936	12527
1302030004	1302110001	130408	12186
1302030004	1302031009	13461	1515
1302030004	1302040013	22604	2436
1302030004	1302040012	25225	2812
1302030004	1302040011	16508	1735
1302030004	1302040010	21383	2227
1302030004	1302040016	29434	3162
1302030004	1302040015	27910	3305
1302030004	1302040014	23582	2550
1302030004	1302100015	121659	11690
1302030004	1302012010	56557	5678
1302090008	1302110016	44700	6477
1302090008	1302011002	187244	18067
1302090008	1302011003	184180	17642
1302090008	1302011001	167867	15751
1302090008	1302011006	182169	17418
1302090008	1302011007	178612	17001
1302090008	1302011004	182629	17457
1302090008	1302011005	181423	17302
1302090008	1302011008	173899	16429
1302090008	1302011009	176382	16722
1302090008	1302100007	14141	1547
1302090008	1302100006	13480	1483
1302090008	1302100005	15693	1569
1302090008	1302100004	11286	1505
1302090008	1302100003	21386	2272
1302090008	1302100001	12924	1344
1302090008	1302011010	168937	15836



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090008	1302101005	28064	2976
1302090008	1302110004	24152	2320
1302090008	1302030014	112555	10830
1302090008	1302100010	32879	3409
1302090008	1302100011	41295	4447
1302090008	1302030010	118957	11607
1302090008	1302100012	22975	2434
1302090008	1302101001	28669	3048
1302090008	1302101002	33308	3444
1302090008	1302070004	50522	4543
1302090008	1302031008	108033	10493
1302090008	1302030012	114244	10990
1302090008	1302101006	44479	4966
1302090008	1302031004	119176	11571
1302090008	1302031005	102068	9697
1302090008	1302031006	107259	10237
1302090008	1302031007	106786	10253
1302090008	1302031001	107348	10165
1302090008	1302031002	103659	9820
1302090008	1302031003	123103	12093
1302090008	1302020009	136115	13149
1302090008	1302060001	58415	5227
1302090008	1302070001	43875	3811
1302090008	1302101004	42205	4592
1302090008	1302020003	134022	12977
1302090008	1302020001	137515	13257
1302090008	1302020006	128408	12293
1302090008	1302020005	133298	12858
1302090008	1302090012	11658	1353
1302090008	1302090013	11998	1531
1302090008	1302090010	15590	1969
1302090008	1302090011	17142	2205
1302090008	1302090016	13516	1723
1302090008	1302090017	13516	1723
1302090008	1302090014	12331	1537
1302090008	1302090015	12996	1612

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090008	1302090018	13516	1723
1302090008	1302090019	9883	1412
1302090008	1302080001	17545	1628
1302090008	1302080002	21855	2213
1302090008	1302080003	26034	2283
1302090008	1302080004	22173	1996
1302090008	1302080005	18189	1813
1302090008	1302080006	20877	2101
1302090008	1302080007	22190	2282
1302090008	1302080008	24740	2642
1302090008	1302080009	26951	2442
1302090008	1302031010	99583	9428
1302090008	1302070009	49980	5023
1302090008	1302070008	43764	4032
1302090008	1302070007	42897	3900
1302090008	1302070006	38494	3447
1302090008	1302070005	39630	3528
1302090008	1302060009	64858	6412
1302090008	1302070003	33894	2940
1302090008	1302070002	37474	3419
1302090008	1302050010	68626	6099
1302090008	1302100017	12829	1402
1302090008	1302060006	56738	5238
1302090008	1302101003	37489	3836
1302090008	1302060008	60209	5589
1302090008	1302060007	53140	4756
1302090008	1302020011	134646	13031
1302090008	1302020010	138436	13328
1302090008	1302060004	62613	5708
1302090008	1302060005	61362	5814
1302090008	1302020015	133071	12816
1302090008	1302060003	60216	5409
1302090008	1302020017	125249	12017
1302090008	1302020016	130979	12548
1302090008	1302090001	3644	533
1302090008	1302090003	12062	1507

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090008	1302090002	1323	241
1302090008	1302090005	2550	360
1302090008	1302090004	6893	933
1302090008	1302090007	2274	416
1302090008	1302090006	7696	938
1302090008	1302090009	14538	1785
1302090008	1302060002	60493	5630
1302090008	1302070010	55709	5941
1302090008	1302040008	94807	8817
1302090008	1302040009	91300	8521
1302090008	1302070011	36009	3106
1302090008	1302040004	85586	7971
1302090008	1302040005	86080	8084
1302090008	1302040006	84657	7897
1302090008	1302040007	81446	7471
1302090008	1302100013	22975	2434
1302090008	1302040001	89339	8233
1302090008	1302040002	84034	7729
1302090008	1302040003	86405	8103
1302090008	1302021010	139496	13462
1302090008	1302050009	66458	5946
1302090008	1302050008	70147	6310
1302090008	1302100009	18289	1991
1302090008	1302100008	15212	1663
1302090008	1302050005	70943	6387
1302090008	1302050004	77867	7201
1302090008	1302050007	74527	6829
1302090008	1302050006	76954	7091
1302090008	1302050001	78044	7162
1302090008	1302100002	22166	2353
1302090008	1302050003	75743	6806
1302090008	1302050002	72899	6581
1302090008	1302110008	48075	4239
1302090008	1302110009	47248	4337
1302090008	1302110006	37050	3360
1302090008	1302110007	65761	7789

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090008	1302100014	42915	4711
1302090008	1302110005	27265	2571
1302090008	1302110002	23356	2279
1302090008	1302110003	22446	2169
1302090008	1302110001	18918	1829
1302090008	1302031009	98747	9323
1302090008	1302040013	90915	8445
1302090008	1302040012	96265	9184
1302090008	1302040011	95881	8971
1302090008	1302040010	91348	8534
1302090008	1302040016	84844	7679
1302090008	1302040015	90448	8620
1302090008	1302040014	94622	8921
1302090008	1302100015	10169	1332
1302090008	1302012010	162367	15711
1302110016	1302011002	231051	24416
1302110016	1302011003	227987	23991
1302110016	1302011001	211674	22100
1302110016	1302011006	225976	23767
1302110016	1302011007	222419	23350
1302110016	1302011004	226436	23807
1302110016	1302011005	225230	23651
1302110016	1302011008	217706	22778
1302110016	1302011009	220189	23071
1302110016	1302100007	33228	5380
1302110016	1302100006	32567	5316
1302110016	1302100005	29007	4989
1302110016	1302100004	35011	5626
1302110016	1302100003	40472	6104
1302110016	1302100001	31776	5226
1302110016	1302011010	212744	22185
1302110016	1302101005	47151	6808
1302110016	1302110004	25220	4670
1302110016	1302030014	156362	17180
1302110016	1302100010	51965	7242
1302110016	1302100011	60382	8279

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110016	1302030010	162764	17956
1302110016	1302100012	42061	6267
1302110016	1302101001	47756	6881
1302110016	1302101002	52394	7276
1302110016	1302070004	94329	10892
1302110016	1302031008	151840	16842
1302110016	1302030012	158051	17339
1302110016	1302101006	63565	8799
1302110016	1302031004	162983	17920
1302110016	1302031005	145875	16046
1302110016	1302031006	151066	16586
1302110016	1302031007	150592	16603
1302110016	1302031001	151155	16514
1302110016	1302031002	147465	16169
1302110016	1302031003	166910	18442
1302110016	1302020009	179922	19499
1302110016	1302060001	102222	11577
1302110016	1302070001	87682	10161
1302110016	1302101004	61291	8425
1302110016	1302020003	177829	19326
1302110016	1302020001	181322	19606
1302110016	1302020006	172214	18642
1302110016	1302020005	177105	19207
1302110016	1302090012	41747	6204
1302110016	1302090013	44386	6542
1302110016	1302090010	39314	6090
1302110016	1302090011	40866	6326
1302110016	1302090016	45903	6734
1302110016	1302090017	45903	6734
1302110016	1302090014	44719	6548
1302110016	1302090015	45384	6623
1302110016	1302090018	45903	6734
1302110016	1302090019	50415	7322
1302110016	1302080001	61352	7978
1302110016	1302080002	65662	8562
1302110016	1302080003	69841	8632

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110016	1302080004	65980	8345
1302110016	1302080005	61996	8162
1302110016	1302080006	64684	8450
1302110016	1302080007	65997	8632
1302110016	1302080008	68547	8991
1302110016	1302080009	70758	8791
1302110016	1302031010	143390	15777
1302110016	1302070009	93787	11372
1302110016	1302070008	87571	10381
1302110016	1302070007	86704	10250
1302110016	1302070006	82301	9796
1302110016	1302070005	83437	9877
1302110016	1302060009	108665	12761
1302110016	1302070003	77700	9290
1302110016	1302070002	81281	9768
1302110016	1302050010	112432	12448
1302110016	1302100017	33597	5461
1302110016	1302060006	100545	11587
1302110016	1302101003	56575	7669
1302110016	1302060008	104016	11938
1302110016	1302060007	96947	11106
1302110016	1302020011	178453	19380
1302110016	1302020010	182243	19677
1302110016	1302060004	106420	12057
1302110016	1302060005	105169	12164
1302110016	1302020015	176877	19165
1302110016	1302060003	104023	11758
1302110016	1302020017	169056	18366
1302110016	1302020016	174786	18898
1302110016	1302090001	41945	6189
1302110016	1302090003	44450	6518
1302110016	1302090002	44370	6420
1302110016	1302090005	43044	6248
1302110016	1302090004	47425	6844
1302110016	1302090007	44886	6480
1302110016	1302090006	37720	5778

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110016	1302090009	46926	6796
1302110016	1302060002	104300	11980
1302110016	1302070010	99516	12290
1302110016	1302040008	138614	15166
1302110016	1302040009	135107	14870
1302110016	1302070011	79816	9455
1302110016	1302040004	129393	14320
1302110016	1302040005	129887	14433
1302110016	1302040006	128464	14246
1302110016	1302040007	125253	13820
1302110016	1302100013	42061	6267
1302110016	1302040001	133146	14582
1302110016	1302040002	127841	14078
1302110016	1302040003	130212	14452
1302110016	1302021010	183303	19812
1302110016	1302050009	110264	12295
1302110016	1302050008	113954	12659
1302110016	1302100009	37376	5823
1302110016	1302100008	34299	5495
1302110016	1302050005	114750	12736
1302110016	1302050004	121674	13551
1302110016	1302050007	118334	13178
1302110016	1302050006	120761	13441
1302110016	1302050001	121850	13511
1302110016	1302100002	41252	6186
1302110016	1302050003	119550	13155
1302110016	1302050002	116705	12930
1302110016	1302110008	49142	6590
1302110016	1302110009	48315	6688
1302110016	1302110006	38117	5711
1302110016	1302110007	66828	10140
1302110016	1302100014	62002	8543
1302110016	1302110005	28333	4922
1302110016	1302110002	21343	4218
1302110016	1302110003	23514	4520
1302110016	1302110001	25782	4736

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110016	1302031009	142554	15672
1302110016	1302040013	134722	14794
1302110016	1302040012	140072	15533
1302110016	1302040011	139688	15320
1302110016	1302040010	135155	14883
1302110016	1302040016	128650	14028
1302110016	1302040015	134255	14969
1302110016	1302040014	138429	15270
1302110016	1302100015	35784	5712
1302110016	1302012010	206174	22060
1302011002	1302011003	6931	896
1302011002	1302011001	19377	2306
1302011002	1302011006	6166	846
1302011002	1302011007	14940	1878
1302011002	1302011004	5794	771
1302011002	1302011005	5821	765
1302011002	1302011008	14170	1751
1302011002	1302011009	12552	1568
1302011002	1302100007	200487	19226
1302011002	1302100006	199826	19162
1302011002	1302100005	202039	19248
1302011002	1302100004	197632	19184
1302011002	1302100003	207732	19951
1302011002	1302100001	199270	19022
1302011002	1302011010	18307	2221
1302011002	1302101005	214410	20655
1302011002	1302110004	210498	19998
1302011002	1302030014	74689	7283
1302011002	1302100010	219225	21088
1302011002	1302100011	227641	22126
1302011002	1302030010	88003	8810
1302011002	1302100012	209321	20113
1302011002	1302101001	215015	20727
1302011002	1302101002	219654	21123
1302011002	1302070004	148443	14639
1302011002	1302031008	88790	9095



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011002	1302030012	83290	8193
1302011002	1302101006	230825	22645
1302011002	1302031004	88222	8774
1302011002	1302031005	85014	8465
1302011002	1302031006	82759	8276
1302011002	1302031007	91878	9284
1302011002	1302031001	79896	7948
1302011002	1302031002	88751	8850
1302011002	1302031003	92148	9297
1302011002	1302020009	51129	4917
1302011002	1302060001	128829	12715
1302011002	1302070001	143369	14086
1302011002	1302101004	228551	22271
1302011002	1302020003	53663	5261
1302011002	1302020001	49729	4808
1302011002	1302020006	58837	5820
1302011002	1302020005	54037	5263
1302011002	1302090012	198004	19032
1302011002	1302090013	198344	19209
1302011002	1302090010	201936	19648
1302011002	1302090011	203488	19884
1302011002	1302090016	199862	19402
1302011002	1302090017	199862	19402
1302011002	1302090014	198677	19216
1302011002	1302090015	199342	19291
1302011002	1302090018	199862	19402
1302011002	1302090019	197157	19252
1302011002	1302080001	169772	16317
1302011002	1302080002	174852	16983
1302011002	1302080003	161210	15622
1302011002	1302080004	165071	15906
1302011002	1302080005	170926	16461
1302011002	1302080006	173875	16871
1302011002	1302080007	175188	17053
1302011002	1302080008	177738	17412
1302011002	1302080009	161817	15814

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011002	1302031010	87499	8734
1302011002	1302070009	160632	16327
1302011002	1302070008	154416	15336
1302011002	1302070007	153550	15204
1302011002	1302070006	151359	14973
1302011002	1302070005	150282	14832
1302011002	1302060009	136545	13981
1302011002	1302070003	153351	14972
1302011002	1302070002	151558	14964
1302011002	1302050010	124311	12492
1302011002	1302100017	199175	19080
1302011002	1302060006	132086	13184
1302011002	1302101003	223835	21515
1302011002	1302060008	140419	14001
1302011002	1302060007	134166	13233
1302011002	1302020011	52599	5082
1302011002	1302020010	48809	4737
1302011002	1302060004	130526	13066
1302011002	1302060005	132427	13305
1302011002	1302020015	54174	5261
1302011002	1302060003	127028	12533
1302011002	1302020017	61995	6096
1302011002	1302020016	56265	5565
1302011002	1302090001	189990	18212
1302011002	1302090003	198408	19186
1302011002	1302090002	187003	17894
1302011002	1302090005	189386	18229
1302011002	1302090004	194167	18774
1302011002	1302090007	187383	17954
1302011002	1302090006	194042	18617
1302011002	1302090009	200884	19464
1302011002	1302060002	140703	14042
1302011002	1302070010	166362	17245
1302011002	1302040008	98092	9685
1302011002	1302040009	98233	9776
1302011002	1302070011	151235	14809

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011002	1302040004	103573	10607
1302011002	1302040005	109989	11308
1302011002	1302040006	108567	11121
1302011002	1302040007	104886	10608
1302011002	1302100013	209321	20113
1302011002	1302040001	97905	9795
1302011002	1302040002	102298	10353
1302011002	1302040003	104392	10740
1302011002	1302021010	60260	5880
1302011002	1302050009	120931	12047
1302011002	1302050008	118527	11992
1302011002	1302100009	204635	19670
1302011002	1302100008	201558	19342
1302011002	1302050005	115389	11621
1302011002	1302050004	110700	11188
1302011002	1302050007	116209	11922
1302011002	1302050006	114459	11699
1302011002	1302050001	108289	10917
1302011002	1302100002	208512	20032
1302011002	1302050003	111524	11173
1302011002	1302050002	115668	11782
1302011002	1302110008	234421	21918
1302011002	1302110009	233594	22016
1302011002	1302110006	223396	21039
1302011002	1302110007	252107	25468
1302011002	1302100014	229261	22389
1302011002	1302110005	213611	20250
1302011002	1302110002	209702	19958
1302011002	1302110003	208792	19848
1302011002	1302110001	205264	19508
1302011002	1302031009	88317	8836
1302011002	1302040013	97460	9757
1302011002	1302040012	100081	10134
1302011002	1302040011	91364	9057
1302011002	1302040010	96239	9549
1302011002	1302040016	104290	10483

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011002	1302040015	102766	10626
1302011002	1302040014	98438	9871
1302011002	1302100015	196515	19011
1302011002	1302012010	42765	4658
1302011003	1302011001	16313	1881
1302011003	1302011006	3084	430
1302011003	1302011007	11876	1453
1302011003	1302011004	1720	202
1302011003	1302011005	2739	350
1302011003	1302011008	11106	1326
1302011003	1302011009	9488	1143
1302011003	1302100007	197423	18801
1302011003	1302100006	196762	18737
1302011003	1302100005	198975	18823
1302011003	1302100004	194568	18759
1302011003	1302100003	204667	19526
1302011003	1302100001	196206	18598
1302011003	1302011010	15243	1796
1302011003	1302101005	211346	20230
1302011003	1302110004	207434	19574
1302011003	1302030014	71625	6858
1302011003	1302100010	216161	20663
1302011003	1302100011	224577	21701
1302011003	1302030010	84938	8385
1302011003	1302100012	206257	19688
1302011003	1302101001	211951	20302
1302011003	1302101002	216589	20698
1302011003	1302070004	145379	14215
1302011003	1302031008	85726	8670
1302011003	1302030012	80226	7769
1302011003	1302101006	227760	22220
1302011003	1302031004	85158	8349
1302011003	1302031005	81950	8040
1302011003	1302031006	79694	7851
1302011003	1302031007	88814	8859
1302011003	1302031001	76832	7524

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011003	1302031002	85687	8425
1302011003	1302031003	89084	8872
1302011003	1302020009	48065	4492
1302011003	1302060001	125765	12291
1302011003	1302070001	140305	13661
1302011003	1302101004	225486	21846
1302011003	1302020003	50598	4836
1302011003	1302020001	46665	4383
1302011003	1302020006	55772	5395
1302011003	1302020005	50972	4838
1302011003	1302090012	194940	18607
1302011003	1302090013	195280	18785
1302011003	1302090010	198871	19223
1302011003	1302090011	200423	19459
1302011003	1302090016	196797	18977
1302011003	1302090017	196797	18977
1302011003	1302090014	195612	18791
1302011003	1302090015	196277	18866
1302011003	1302090018	196797	18977
1302011003	1302090019	194093	18827
1302011003	1302080001	166708	15893
1302011003	1302080002	171788	16559
1302011003	1302080003	158146	15197
1302011003	1302080004	162007	15481
1302011003	1302080005	167862	16037
1302011003	1302080006	170810	16446
1302011003	1302080007	172124	16628
1302011003	1302080008	174673	16987
1302011003	1302080009	158753	15389
1302011003	1302031010	84435	8310
1302011003	1302070009	157568	15902
1302011003	1302070008	151352	14911
1302011003	1302070007	150485	14779
1302011003	1302070006	148295	14548
1302011003	1302070005	147218	14407
1302011003	1302060009	133481	13556

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011003	1302070003	150286	14548
1302011003	1302070002	148493	14539
1302011003	1302050010	121246	12067
1302011003	1302100017	196110	18656
1302011003	1302060006	129022	12760
1302011003	1302101003	220770	21090
1302011003	1302060008	137355	13576
1302011003	1302060007	131102	12808
1302011003	1302020011	49534	4657
1302011003	1302020010	45744	4312
1302011003	1302060004	127462	12642
1302011003	1302060005	129363	12881
1302011003	1302020015	51109	4836
1302011003	1302060003	123964	12109
1302011003	1302020017	58931	5671
1302011003	1302020016	53201	5140
1302011003	1302090001	186925	17788
1302011003	1302090003	195344	18761
1302011003	1302090002	183938	17469
1302011003	1302090005	186322	17804
1302011003	1302090004	191103	18349
1302011003	1302090007	184319	17529
1302011003	1302090006	190978	18192
1302011003	1302090009	197820	19039
1302011003	1302060002	137638	13617
1302011003	1302070010	163297	16820
1302011003	1302040008	95027	9260
1302011003	1302040009	95169	9351
1302011003	1302070011	148171	14384
1302011003	1302040004	100509	10183
1302011003	1302040005	106925	10883
1302011003	1302040006	105502	10696
1302011003	1302040007	101821	10183
1302011003	1302100013	206257	19688
1302011003	1302040001	94841	9370
1302011003	1302040002	99234	9928

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011003	1302040003	101328	10315
1302011003	1302021010	57196	5455
1302011003	1302050009	117867	11622
1302011003	1302050008	115462	11567
1302011003	1302100009	201571	19245
1302011003	1302100008	198494	18917
1302011003	1302050005	112325	11196
1302011003	1302050004	107636	10763
1302011003	1302050007	113144	11497
1302011003	1302050006	111395	11274
1302011003	1302050001	105224	10492
1302011003	1302100002	205447	19607
1302011003	1302050003	108460	10748
1302011003	1302050002	112604	11357
1302011003	1302110008	231356	21493
1302011003	1302110009	230529	21591
1302011003	1302110006	220331	20614
1302011003	1302110007	249042	25043
1302011003	1302100014	226197	21965
1302011003	1302110005	210547	19825
1302011003	1302110002	206638	19533
1302011003	1302110003	205728	19423
1302011003	1302110001	202199	19083
1302011003	1302031009	85253	8411
1302011003	1302040013	94395	9332
1302011003	1302040012	97017	9709
1302011003	1302040011	88299	8632
1302011003	1302040010	93175	9124
1302011003	1302040016	101225	10058
1302011003	1302040015	99702	10202
1302011003	1302040014	95374	9446
1302011003	1302100015	193451	18586
1302011003	1302012010	39701	4233
1302011001	1302011006	14302	1667
1302011001	1302011007	10745	1250
1302011001	1302011004	14762	1706

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011001	1302011005	13556	1551
1302011001	1302011008	6032	678
1302011001	1302011009	8515	971
1302011001	1302100007	181110	16921
1302011001	1302100006	180449	16856
1302011001	1302100005	182662	16943
1302011001	1302100004	178255	16878
1302011001	1302100003	188354	17645
1302011001	1302100001	179893	16717
1302011001	1302011010	1070	84
1302011001	1302101005	195033	18349
1302011001	1302110004	191121	17693
1302011001	1302030014	55312	4977
1302011001	1302100010	199848	18783
1302011001	1302100011	208264	19820
1302011001	1302030010	68625	6505
1302011001	1302100012	189944	17807
1302011001	1302101001	195638	18422
1302011001	1302101002	200276	18817
1302011001	1302070004	129066	12334
1302011001	1302031008	69413	6789
1302011001	1302030012	63913	5888
1302011001	1302101006	211447	20340
1302011001	1302031004	68845	6468
1302011001	1302031005	65637	6160
1302011001	1302031006	63381	5970
1302011001	1302031007	72500	6978
1302011001	1302031001	60519	5643
1302011001	1302031002	69374	6545
1302011001	1302031003	72771	6991
1302011001	1302020009	31752	2612
1302011001	1302060001	109452	10410
1302011001	1302070001	123992	11780
1302011001	1302101004	209173	19966
1302011001	1302020003	34285	2955
1302011001	1302020001	30351	2502



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011001	1302020006	39459	3514
1302011001	1302020005	34659	2957
1302011001	1302090012	178627	16726
1302011001	1302090013	178967	16904
1302011001	1302090010	182558	17342
1302011001	1302090011	184110	17578
1302011001	1302090016	180484	17096
1302011001	1302090017	180484	17096
1302011001	1302090014	179299	16910
1302011001	1302090015	179964	16985
1302011001	1302090018	180484	17096
1302011001	1302090019	177780	16946
1302011001	1302080001	150395	14012
1302011001	1302080002	155475	14678
1302011001	1302080003	141833	13317
1302011001	1302080004	145694	13600
1302011001	1302080005	151549	14156
1302011001	1302080006	154497	14565
1302011001	1302080007	155811	14747
1302011001	1302080008	158360	15106
1302011001	1302080009	142440	13508
1302011001	1302031010	68122	6429
1302011001	1302070009	141255	14021
1302011001	1302070008	135039	13030
1302011001	1302070007	134172	12898
1302011001	1302070006	131982	12667
1302011001	1302070005	130905	12526
1302011001	1302060009	117168	11675
1302011001	1302070003	133973	12667
1302011001	1302070002	132180	12658
1302011001	1302050010	104933	10186
1302011001	1302100017	179797	16775
1302011001	1302060006	112709	10879
1302011001	1302101003	204457	19209
1302011001	1302060008	121042	11695
1302011001	1302060007	114789	10928

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011001	1302020011	33221	2776
1302011001	1302020010	29431	2431
1302011001	1302060004	111149	10761
1302011001	1302060005	113050	11000
1302011001	1302020015	34796	2955
1302011001	1302060003	107651	10228
1302011001	1302020017	42618	3790
1302011001	1302020016	36888	3259
1302011001	1302090001	170612	15907
1302011001	1302090003	179031	16880
1302011001	1302090002	167625	15588
1302011001	1302090005	170009	15923
1302011001	1302090004	174790	16468
1302011001	1302090007	168006	15648
1302011001	1302090006	174665	16311
1302011001	1302090009	181507	17159
1302011001	1302060002	121325	11737
1302011001	1302070010	146984	14939
1302011001	1302040008	78714	7379
1302011001	1302040009	78856	7470
1302011001	1302070011	131857	12503
1302011001	1302040004	84196	8302
1302011001	1302040005	90612	9002
1302011001	1302040006	89189	8815
1302011001	1302040007	85508	8303
1302011001	1302100013	189944	17807
1302011001	1302040001	78528	7489
1302011001	1302040002	82921	8047
1302011001	1302040003	85015	8434
1302011001	1302021010	40883	3574
1302011001	1302050009	101554	9741
1302011001	1302050008	99149	9687
1302011001	1302100009	185258	17364
1302011001	1302100008	182181	17036
1302011001	1302050005	96012	9315
1302011001	1302050004	91323	8882

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011001	1302050007	96831	9616
1302011001	1302050006	95082	9393
1302011001	1302050001	88911	8611
1302011001	1302100002	189134	17726
1302011001	1302050003	92147	8867
1302011001	1302050002	96291	9476
1302011001	1302110008	215043	19612
1302011001	1302110009	214216	19710
1302011001	1302110006	204018	18733
1302011001	1302110007	232729	23162
1302011001	1302100014	209884	20084
1302011001	1302110005	194234	17944
1302011001	1302110002	190325	17652
1302011001	1302110003	189415	17542
1302011001	1302110001	185886	17202
1302011001	1302031009	68940	6530
1302011001	1302040013	78082	7451
1302011001	1302040012	80704	7828
1302011001	1302040011	71986	6751
1302011001	1302040010	76862	7243
1302011001	1302040016	84912	8178
1302011001	1302040015	83389	8321
1302011001	1302040014	79061	7565
1302011001	1302100015	177138	16705
1302011001	1302012010	23388	2352
1302011006	1302011007	9865	1235
1302011006	1302011004	1531	250
1302011006	1302011005	745	123
1302011006	1302011008	9094	1108
1302011006	1302011009	7476	926
1302011006	1302100007	195412	18584
1302011006	1302100006	194751	18520
1302011006	1302100005	196963	18606
1302011006	1302100004	192557	18541
1302011006	1302100003	202656	19308
1302011006	1302100001	194194	18380

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011006	1302011010	13231	1579
1302011006	1302101005	209335	20012
1302011006	1302110004	205423	19356
1302011006	1302030014	69614	6640
1302011006	1302100010	214149	20446
1302011006	1302100011	222566	21483
1302011006	1302030010	82927	8168
1302011006	1302100012	204245	19471
1302011006	1302101001	209940	20085
1302011006	1302101002	214578	20480
1302011006	1302070004	143367	13997
1302011006	1302031008	83715	8452
1302011006	1302030012	78215	7551
1302011006	1302101006	225749	22003
1302011006	1302031004	83147	8132
1302011006	1302031005	79939	7823
1302011006	1302031006	77683	7633
1302011006	1302031007	86802	8641
1302011006	1302031001	74821	7306
1302011006	1302031002	83675	8208
1302011006	1302031003	87073	8654
1302011006	1302020009	46053	4275
1302011006	1302060001	123754	12073
1302011006	1302070001	138294	13444
1302011006	1302101004	223475	21629
1302011006	1302020003	48587	4618
1302011006	1302020001	44653	4166
1302011006	1302020006	53761	5178
1302011006	1302020005	48961	4621
1302011006	1302090012	192929	18389
1302011006	1302090013	193269	18567
1302011006	1302090010	196860	19005
1302011006	1302090011	198412	19241
1302011006	1302090016	194786	18759
1302011006	1302090017	194786	18759
1302011006	1302090014	193601	18574

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011006	1302090015	194266	18648
1302011006	1302090018	194786	18759
1302011006	1302090019	192082	18610
1302011006	1302080001	164697	15675
1302011006	1302080002	169777	16341
1302011006	1302080003	156135	14980
1302011006	1302080004	159995	15264
1302011006	1302080005	165851	15819
1302011006	1302080006	168799	16229
1302011006	1302080007	170113	16410
1302011006	1302080008	172662	16770
1302011006	1302080009	156741	15172
1302011006	1302031010	82424	8092
1302011006	1302070009	155557	15684
1302011006	1302070008	149341	14693
1302011006	1302070007	148474	14562
1302011006	1302070006	146284	14331
1302011006	1302070005	145207	14189
1302011006	1302060009	131469	13338
1302011006	1302070003	148275	14330
1302011006	1302070002	146482	14321
1302011006	1302050010	119235	11850
1302011006	1302100017	194099	18438
1302011006	1302060006	127011	12542
1302011006	1302101003	218759	20873
1302011006	1302060008	135343	13359
1302011006	1302060007	129091	12591
1302011006	1302020011	47523	4439
1302011006	1302020010	43733	4094
1302011006	1302060004	125451	12424
1302011006	1302060005	127352	12663
1302011006	1302020015	49098	4618
1302011006	1302060003	121952	11891
1302011006	1302020017	56919	5453
1302011006	1302020016	51190	4922
1302011006	1302090001	184914	17570

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011006	1302090003	193333	18543
1302011006	1302090002	181927	17251
1302011006	1302090005	184311	17586
1302011006	1302090004	189091	18131
1302011006	1302090007	182307	17311
1302011006	1302090006	188967	17975
1302011006	1302090009	195809	18822
1302011006	1302060002	135627	13400
1302011006	1302070010	161286	16602
1302011006	1302040008	93016	9043
1302011006	1302040009	93158	9133
1302011006	1302070011	146159	14166
1302011006	1302040004	98497	9965
1302011006	1302040005	104914	10666
1302011006	1302040006	103491	10478
1302011006	1302040007	99810	9966
1302011006	1302100013	204245	19471
1302011006	1302040001	92829	9152
1302011006	1302040002	97222	9711
1302011006	1302040003	99317	10097
1302011006	1302021010	55184	5237
1302011006	1302050009	115855	11404
1302011006	1302050008	113451	11350
1302011006	1302100009	199560	19027
1302011006	1302100008	196483	18699
1302011006	1302050005	110314	10978
1302011006	1302050004	105625	10545
1302011006	1302050007	111133	11279
1302011006	1302050006	109383	11056
1302011006	1302050001	103213	10274
1302011006	1302100002	203436	19390
1302011006	1302050003	106449	10531
1302011006	1302050002	110593	11139
1302011006	1302110008	229345	21275
1302011006	1302110009	228518	21374
1302011006	1302110006	218320	20397

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011006	1302110007	247031	24826
1302011006	1302100014	224185	21747
1302011006	1302110005	208536	19607
1302011006	1302110002	204627	19315
1302011006	1302110003	203717	19205
1302011006	1302110001	200188	18865
1302011006	1302031009	83242	8194
1302011006	1302040013	92384	9115
1302011006	1302040012	95006	9491
1302011006	1302040011	86288	8414
1302011006	1302040010	91163	8906
1302011006	1302040016	99214	9841
1302011006	1302040015	97690	9984
1302011006	1302040014	93363	9229
1302011006	1302100015	191439	18368
1302011006	1302012010	37690	4016
1302011007	1302011004	10325	1263
1302011007	1302011005	9120	1107
1302011007	1302011008	5538	684
1302011007	1302011009	4078	528
1302011007	1302100007	191855	18160
1302011007	1302100006	191194	18096
1302011007	1302100005	193407	18182
1302011007	1302100004	189000	18117
1302011007	1302100003	199100	18884
1302011007	1302100001	190638	17956
1302011007	1302011010	9675	1155
1302011007	1302101005	205778	19588
1302011007	1302110004	201866	18932
1302011007	1302030014	66057	6217
1302011007	1302100010	210593	20022
1302011007	1302100011	219009	21060
1302011007	1302030010	79371	7744
1302011007	1302100012	200689	19047
1302011007	1302101001	206383	19661
1302011007	1302101002	211022	20056

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011007	1302070004	139811	13573
1302011007	1302031008	80158	8028
1302011007	1302030012	74658	7127
1302011007	1302101006	222193	21579
1302011007	1302031004	79590	7708
1302011007	1302031005	76382	7399
1302011007	1302031006	74127	7209
1302011007	1302031007	83246	8218
1302011007	1302031001	71264	6882
1302011007	1302031002	80119	7784
1302011007	1302031003	83516	8230
1302011007	1302020009	42497	3851
1302011007	1302060001	120197	11649
1302011007	1302070001	134737	13020
1302011007	1302101004	219919	21205
1302011007	1302020003	45031	4194
1302011007	1302020001	41097	3742
1302011007	1302020006	50205	4754
1302011007	1302020005	45405	4197
1302011007	1302090012	189372	17966
1302011007	1302090013	189712	18143
1302011007	1302090010	193304	18581
1302011007	1302090011	194855	18817
1302011007	1302090016	191229	18335
1302011007	1302090017	191229	18335
1302011007	1302090014	190045	18150
1302011007	1302090015	190710	18225
1302011007	1302090018	191229	18335
1302011007	1302090019	188525	18186
1302011007	1302080001	161140	15251
1302011007	1302080002	166220	15917
1302011007	1302080003	152578	14556
1302011007	1302080004	156439	14840
1302011007	1302080005	162294	15395
1302011007	1302080006	165242	15805
1302011007	1302080007	166556	15986



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011007	1302080008	169106	16346
1302011007	1302080009	153185	14748
1302011007	1302031010	78867	7668
1302011007	1302070009	152000	15261
1302011007	1302070008	145784	14269
1302011007	1302070007	144918	14138
1302011007	1302070006	142727	13907
1302011007	1302070005	141650	13765
1302011007	1302060009	127913	12915
1302011007	1302070003	144719	13906
1302011007	1302070002	142925	13897
1302011007	1302050010	115678	11426
1302011007	1302100017	190543	18014
1302011007	1302060006	123454	12118
1302011007	1302101003	215202	20449
1302011007	1302060008	131787	12935
1302011007	1302060007	125534	12167
1302011007	1302020011	43967	4016
1302011007	1302020010	40177	3671
1302011007	1302060004	121894	12000
1302011007	1302060005	123795	12239
1302011007	1302020015	45542	4194
1302011007	1302060003	118396	11467
1302011007	1302020017	53363	5030
1302011007	1302020016	47633	4498
1302011007	1302090001	181358	17146
1302011007	1302090003	189776	18120
1302011007	1302090002	178371	16827
1302011007	1302090005	180754	17163
1302011007	1302090004	185535	17707
1302011007	1302090007	178751	16887
1302011007	1302090006	185410	17551
1302011007	1302090009	192252	18398
1302011007	1302060002	132071	12976
1302011007	1302070010	157730	16178
1302011007	1302040008	89460	8619

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011007	1302040009	89601	8710
1302011007	1302070011	142603	13742
1302011007	1302040004	94941	9541
1302011007	1302040005	101357	10242
1302011007	1302040006	99934	10054
1302011007	1302040007	96254	9542
1302011007	1302100013	200689	19047
1302011007	1302040001	89273	8729
1302011007	1302040002	93666	9287
1302011007	1302040003	95760	9673
1302011007	1302021010	51628	4813
1302011007	1302050009	112299	10980
1302011007	1302050008	109895	10926
1302011007	1302100009	196003	18604
1302011007	1302100008	192926	18276
1302011007	1302050005	106757	10555
1302011007	1302050004	102068	10121
1302011007	1302050007	107577	10856
1302011007	1302050006	105827	10633
1302011007	1302050001	99657	9851
1302011007	1302100002	199880	18966
1302011007	1302050003	102892	10107
1302011007	1302050002	107036	10716
1302011007	1302110008	225788	20851
1302011007	1302110009	224962	20950
1302011007	1302110006	214764	19973
1302011007	1302110007	243475	24402
1302011007	1302100014	220629	21323
1302011007	1302110005	204979	19184
1302011007	1302110002	201070	18892
1302011007	1302110003	200160	18782
1302011007	1302110001	196632	18441
1302011007	1302031009	79685	7770
1302011007	1302040013	88828	8691
1302011007	1302040012	91449	9068
1302011007	1302040011	82732	7990

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011007	1302040010	87607	8482
1302011007	1302040016	95658	9417
1302011007	1302040015	94134	9560
1302011007	1302040014	89806	8805
1302011007	1302100015	187883	17945
1302011007	1302012010	34133	3592
1302011004	1302011005	1186	174
1302011004	1302011008	9555	1146
1302011004	1302011009	7937	964
1302011004	1302100007	195872	18622
1302011004	1302100006	195211	18558
1302011004	1302100005	197424	18644
1302011004	1302100004	193017	18579
1302011004	1302100003	203116	19346
1302011004	1302100001	194655	18418
1302011004	1302011010	13692	1617
1302011004	1302101005	209795	20050
1302011004	1302110004	205883	19394
1302011004	1302030014	70074	6678
1302011004	1302100010	214610	20484
1302011004	1302100011	223026	21521
1302011004	1302030010	83387	8206
1302011004	1302100012	204706	19509
1302011004	1302101001	210400	20123
1302011004	1302101002	215038	20518
1302011004	1302070004	143828	14035
1302011004	1302031008	84175	8490
1302011004	1302030012	78675	7589
1302011004	1302101006	226209	22041
1302011004	1302031004	83607	8170
1302011004	1302031005	80399	7861
1302011004	1302031006	78143	7671
1302011004	1302031007	87263	8679
1302011004	1302031001	75281	7344
1302011004	1302031002	84136	8246
1302011004	1302031003	87533	8692

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011004	1302020009	46514	4313
1302011004	1302060001	124214	12111
1302011004	1302070001	138754	13482
1302011004	1302101004	223935	21667
1302011004	1302020003	49047	4656
1302011004	1302020001	45114	4204
1302011004	1302020006	54221	5216
1302011004	1302020005	49421	4659
1302011004	1302090012	193389	18427
1302011004	1302090013	193729	18605
1302011004	1302090010	197320	19043
1302011004	1302090011	198872	19279
1302011004	1302090016	195246	18797
1302011004	1302090017	195246	18797
1302011004	1302090014	194061	18612
1302011004	1302090015	194726	18686
1302011004	1302090018	195246	18797
1302011004	1302090019	192542	18648
1302011004	1302080001	165157	15713
1302011004	1302080002	170237	16379
1302011004	1302080003	156595	15018
1302011004	1302080004	160456	15302
1302011004	1302080005	166311	15857
1302011004	1302080006	169259	16267
1302011004	1302080007	170573	16448
1302011004	1302080008	173122	16808
1302011004	1302080009	157202	15210
1302011004	1302031010	82884	8130
1302011004	1302070009	156017	15723
1302011004	1302070008	149801	14731
1302011004	1302070007	148935	14600
1302011004	1302070006	146744	14369
1302011004	1302070005	145667	14227
1302011004	1302060009	131930	13376
1302011004	1302070003	148735	14368
1302011004	1302070002	146942	14359

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011004	1302050010	119695	11888
1302011004	1302100017	194559	18476
1302011004	1302060006	127471	12580
1302011004	1302101003	219219	20911
1302011004	1302060008	135804	13397
1302011004	1302060007	129551	12629
1302011004	1302020011	47983	4477
1302011004	1302020010	44193	4132
1302011004	1302060004	125911	12462
1302011004	1302060005	127812	12701
1302011004	1302020015	49558	4656
1302011004	1302060003	122413	11929
1302011004	1302020017	57380	5492
1302011004	1302020016	51650	4960
1302011004	1302090001	185374	17608
1302011004	1302090003	193793	18581
1302011004	1302090002	182388	17289
1302011004	1302090005	184771	17624
1302011004	1302090004	189552	18169
1302011004	1302090007	182768	17349
1302011004	1302090006	189427	18013
1302011004	1302090009	196269	18860
1302011004	1302060002	136088	13438
1302011004	1302070010	161746	16640
1302011004	1302040008	93476	9081
1302011004	1302040009	93618	9172
1302011004	1302070011	146620	14204
1302011004	1302040004	98958	10003
1302011004	1302040005	105374	10704
1302011004	1302040006	103951	10516
1302011004	1302040007	100270	10004
1302011004	1302100013	204706	19509
1302011004	1302040001	93290	9190
1302011004	1302040002	97683	9749
1302011004	1302040003	99777	10135
1302011004	1302021010	55645	5275

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011004	1302050009	116316	11442
1302011004	1302050008	113911	11388
1302011004	1302100009	200020	19065
1302011004	1302100008	196943	18738
1302011004	1302050005	110774	11017
1302011004	1302050004	106085	10583
1302011004	1302050007	111594	11318
1302011004	1302050006	109844	11095
1302011004	1302050001	103673	10312
1302011004	1302100002	203896	19428
1302011004	1302050003	106909	10569
1302011004	1302050002	111053	11178
1302011004	1302110008	229805	21313
1302011004	1302110009	228978	21412
1302011004	1302110006	218780	20435
1302011004	1302110007	247491	24864
1302011004	1302100014	224646	21785
1302011004	1302110005	208996	19645
1302011004	1302110002	205087	19354
1302011004	1302110003	204177	19244
1302011004	1302110001	200648	18903
1302011004	1302031009	83702	8232
1302011004	1302040013	92845	9153
1302011004	1302040012	95466	9529
1302011004	1302040011	86748	8452
1302011004	1302040010	91624	8944
1302011004	1302040016	99674	9879
1302011004	1302040015	98151	10022
1302011004	1302040014	93823	9267
1302011004	1302100015	191900	18407
1302011004	1302012010	38150	4054
1302011005	1302011008	8349	986
1302011005	1302011009	6731	803
1302011005	1302100007	194667	18461
1302011005	1302100006	194005	18397
1302011005	1302100005	196218	18483

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011005	1302100004	191811	18419
1302011005	1302100003	201911	19185
1302011005	1302100001	193449	18257
1302011005	1302011010	12486	1456
1302011005	1302101005	208589	19890
1302011005	1302110004	204677	19233
1302011005	1302030014	68868	6518
1302011005	1302100010	213404	20323
1302011005	1302100011	221820	21361
1302011005	1302030010	82182	8045
1302011005	1302100012	203500	19348
1302011005	1302101001	209195	19962
1302011005	1302101002	213833	20358
1302011005	1302070004	142622	13874
1302011005	1302031008	82970	8329
1302011005	1302030012	77469	7428
1302011005	1302101006	225004	21880
1302011005	1302031004	82401	8009
1302011005	1302031005	79194	7700
1302011005	1302031006	76938	7511
1302011005	1302031007	86057	8519
1302011005	1302031001	74075	7183
1302011005	1302031002	82930	8085
1302011005	1302031003	86328	8532
1302011005	1302020009	45308	4152
1302011005	1302060001	123008	11950
1302011005	1302070001	137548	13321
1302011005	1302101004	222730	21506
1302011005	1302020003	47842	4496
1302011005	1302020001	43908	4043
1302011005	1302020006	53016	5055
1302011005	1302020005	48216	4498
1302011005	1302090012	192183	18267
1302011005	1302090013	192524	18444
1302011005	1302090010	196115	18882
1302011005	1302090011	197667	19119

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011005	1302090016	194041	18636
1302011005	1302090017	194041	18636
1302011005	1302090014	192856	18451
1302011005	1302090015	193521	18526
1302011005	1302090018	194041	18636
1302011005	1302090019	191336	18487
1302011005	1302080001	163951	15552
1302011005	1302080002	169032	16218
1302011005	1302080003	155389	14857
1302011005	1302080004	159250	15141
1302011005	1302080005	165106	15696
1302011005	1302080006	168054	16106
1302011005	1302080007	169367	16288
1302011005	1302080008	171917	16647
1302011005	1302080009	155996	15049
1302011005	1302031010	81678	7969
1302011005	1302070009	154812	15562
1302011005	1302070008	148596	14570
1302011005	1302070007	147729	14439
1302011005	1302070006	145538	14208
1302011005	1302070005	144461	14067
1302011005	1302060009	130724	13216
1302011005	1302070003	147530	14207
1302011005	1302070002	145737	14198
1302011005	1302050010	118490	11727
1302011005	1302100017	193354	18315
1302011005	1302060006	126265	12419
1302011005	1302101003	218014	20750
1302011005	1302060008	134598	13236
1302011005	1302060007	128345	12468
1302011005	1302020011	46778	4317
1302011005	1302020010	42988	3972
1302011005	1302060004	124705	12301
1302011005	1302060005	126606	12540
1302011005	1302020015	48353	4496
1302011005	1302060003	121207	11768



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011005	1302020017	56174	5331
1302011005	1302020016	50444	4800
1302011005	1302090001	184169	17447
1302011005	1302090003	192587	18421
1302011005	1302090002	181182	17128
1302011005	1302090005	183566	17464
1302011005	1302090004	188346	18008
1302011005	1302090007	181562	17189
1302011005	1302090006	188221	17852
1302011005	1302090009	195063	18699
1302011005	1302060002	134882	13277
1302011005	1302070010	160541	16479
1302011005	1302040008	92271	8920
1302011005	1302040009	92412	9011
1302011005	1302070011	145414	14043
1302011005	1302040004	97752	9842
1302011005	1302040005	104168	10543
1302011005	1302040006	102746	10355
1302011005	1302040007	99065	9843
1302011005	1302100013	203500	19348
1302011005	1302040001	92084	9030
1302011005	1302040002	96477	9588
1302011005	1302040003	98571	9975
1302011005	1302021010	54439	5114
1302011005	1302050009	115110	11282
1302011005	1302050008	112706	11227
1302011005	1302100009	198815	18905
1302011005	1302100008	195737	18577
1302011005	1302050005	109568	10856
1302011005	1302050004	104879	10423
1302011005	1302050007	110388	11157
1302011005	1302050006	108638	10934
1302011005	1302050001	102468	10152
1302011005	1302100002	202691	19267
1302011005	1302050003	105704	10408
1302011005	1302050002	109847	11017

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011005	1302110008	228600	21152
1302011005	1302110009	227773	21251
1302011005	1302110006	217575	20274
1302011005	1302110007	246286	24703
1302011005	1302100014	223440	21624
1302011005	1302110005	207790	19485
1302011005	1302110002	203881	19193
1302011005	1302110003	202971	19083
1302011005	1302110001	199443	18742
1302011005	1302031009	82496	8071
1302011005	1302040013	91639	8992
1302011005	1302040012	94260	9369
1302011005	1302040011	85543	8292
1302011005	1302040010	90418	8783
1302011005	1302040016	98469	9718
1302011005	1302040015	96945	9861
1302011005	1302040014	92617	9106
1302011005	1302100015	190694	18246
1302011005	1302012010	36944	3893
1302011008	1302011009	3307	406
1302011008	1302100007	187142	17594
1302011008	1302100006	186481	17529
1302011008	1302100005	188694	17616
1302011008	1302100004	184287	17551
1302011008	1302100003	194386	18318
1302011008	1302100001	185925	17390
1302011008	1302011010	4962	589
1302011008	1302101005	201065	19022
1302011008	1302110004	197153	18366
1302011008	1302030014	61344	5650
1302011008	1302100010	205880	19456
1302011008	1302100011	214296	20493
1302011008	1302030010	74657	7178
1302011008	1302100012	195976	18480
1302011008	1302101001	201670	19095
1302011008	1302101002	206308	19490

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011008	1302070004	135098	13007
1302011008	1302031008	75445	7462
1302011008	1302030012	69945	6561
1302011008	1302101006	217479	21013
1302011008	1302031004	74877	7141
1302011008	1302031005	71669	6833
1302011008	1302031006	69413	6643
1302011008	1302031007	78533	7651
1302011008	1302031001	66551	6316
1302011008	1302031002	75406	7218
1302011008	1302031003	78803	7664
1302011008	1302020009	37784	3285
1302011008	1302060001	115484	11083
1302011008	1302070001	130024	12453
1302011008	1302101004	215205	20639
1302011008	1302020003	40317	3628
1302011008	1302020001	36384	3175
1302011008	1302020006	45491	4187
1302011008	1302020005	40691	3630
1302011008	1302090012	184659	17399
1302011008	1302090013	184999	17577
1302011008	1302090010	188590	18015
1302011008	1302090011	190142	18251
1302011008	1302090016	186516	17769
1302011008	1302090017	186516	17769
1302011008	1302090014	185331	17583
1302011008	1302090015	185996	17658
1302011008	1302090018	186516	17769
1302011008	1302090019	183812	17619
1302011008	1302080001	156427	14685
1302011008	1302080002	161507	15351
1302011008	1302080003	147865	13990
1302011008	1302080004	151726	14274
1302011008	1302080005	157581	14829
1302011008	1302080006	160529	15238
1302011008	1302080007	161843	15420

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011008	1302080008	164392	15779
1302011008	1302080009	148472	14181
1302011008	1302031010	74154	7102
1302011008	1302070009	147287	14694
1302011008	1302070008	141071	13703
1302011008	1302070007	140204	13571
1302011008	1302070006	138014	13340
1302011008	1302070005	136937	13199
1302011008	1302060009	123200	12348
1302011008	1302070003	140005	13340
1302011008	1302070002	138212	13331
1302011008	1302050010	110965	10859
1302011008	1302100017	185829	17448
1302011008	1302060006	118741	11552
1302011008	1302101003	210489	19882
1302011008	1302060008	127074	12368
1302011008	1302060007	120821	11601
1302011008	1302020011	39253	3449
1302011008	1302020010	35463	3104
1302011008	1302060004	117181	11434
1302011008	1302060005	119082	11673
1302011008	1302020015	40828	3628
1302011008	1302060003	113683	10901
1302011008	1302020017	48650	4463
1302011008	1302020016	42920	3932
1302011008	1302090001	176644	16580
1302011008	1302090003	185063	17553
1302011008	1302090002	173657	16261
1302011008	1302090005	176041	16596
1302011008	1302090004	180822	17141
1302011008	1302090007	174038	16321
1302011008	1302090006	180697	16984
1302011008	1302090009	187539	17832
1302011008	1302060002	127357	12410
1302011008	1302070010	153016	15612
1302011008	1302040008	84746	8053

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011008	1302040009	84888	8143
1302011008	1302070011	137890	13176
1302011008	1302040004	90228	8975
1302011008	1302040005	96644	9675
1302011008	1302040006	95221	9488
1302011008	1302040007	91540	8976
1302011008	1302100013	195976	18480
1302011008	1302040001	84560	8162
1302011008	1302040002	88953	8720
1302011008	1302040003	91047	9107
1302011008	1302021010	46915	4247
1302011008	1302050009	107586	10414
1302011008	1302050008	105181	10360
1302011008	1302100009	191290	18037
1302011008	1302100008	188213	17709
1302011008	1302050005	102044	9988
1302011008	1302050004	97355	9555
1302011008	1302050007	102863	10289
1302011008	1302050006	101114	10066
1302011008	1302050001	94943	9284
1302011008	1302100002	195166	18400
1302011008	1302050003	98179	9541
1302011008	1302050002	102323	10149
1302011008	1302110008	221075	20285
1302011008	1302110009	220248	20383
1302011008	1302110006	210050	19406
1302011008	1302110007	238761	23835
1302011008	1302100014	215916	20757
1302011008	1302110005	200266	18617
1302011008	1302110002	196357	18325
1302011008	1302110003	195447	18215
1302011008	1302110001	191918	17875
1302011008	1302031009	74972	7203
1302011008	1302040013	84114	8124
1302011008	1302040012	86736	8501
1302011008	1302040011	78018	7424

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011008	1302040010	82894	7916
1302011008	1302040016	90944	8851
1302011008	1302040015	89421	8994
1302011008	1302040014	85093	8238
1302011008	1302100015	183170	17378
1302011008	1302012010	29420	3025
1302011009	1302100007	189625	17876
1302011009	1302100006	188964	17812
1302011009	1302100005	191176	17898
1302011009	1302100004	186770	17834
1302011009	1302100003	196869	18601
1302011009	1302100001	188407	17672
1302011009	1302011010	7445	871
1302011009	1302101005	203548	19305
1302011009	1302110004	199636	18648
1302011009	1302030014	63827	5933
1302011009	1302100010	208362	19738
1302011009	1302100011	216779	20776
1302011009	1302030010	77140	7460
1302011009	1302100012	198458	18763
1302011009	1302101001	204153	19377
1302011009	1302101002	208791	19773
1302011009	1302070004	137580	13289
1302011009	1302031008	77928	7745
1302011009	1302030012	72428	6843
1302011009	1302101006	219962	21295
1302011009	1302031004	77360	7424
1302011009	1302031005	74152	7115
1302011009	1302031006	71896	6926
1302011009	1302031007	81015	7934
1302011009	1302031001	69034	6598
1302011009	1302031002	77888	7500
1302011009	1302031003	81286	7947
1302011009	1302020009	40266	3567
1302011009	1302060001	117967	11365
1302011009	1302070001	132507	12736

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011009	1302101004	217688	20921
1302011009	1302020003	42800	3911
1302011009	1302020001	38866	3458
1302011009	1302020006	47974	4470
1302011009	1302020005	43174	3913
1302011009	1302090012	187142	17682
1302011009	1302090013	187482	17859
1302011009	1302090010	191073	18298
1302011009	1302090011	192625	18534
1302011009	1302090016	188999	18052
1302011009	1302090017	188999	18052
1302011009	1302090014	187814	17866
1302011009	1302090015	188479	17941
1302011009	1302090018	188999	18052
1302011009	1302090019	186295	17902
1302011009	1302080001	158910	14968
1302011009	1302080002	163990	15633
1302011009	1302080003	150348	14272
1302011009	1302080004	154209	14556
1302011009	1302080005	160064	15111
1302011009	1302080006	163012	15521
1302011009	1302080007	164326	15703
1302011009	1302080008	166875	16062
1302011009	1302080009	150954	14464
1302011009	1302031010	76637	7384
1302011009	1302070009	149770	14977
1302011009	1302070008	143554	13986
1302011009	1302070007	142687	13854
1302011009	1302070006	140497	13623
1302011009	1302070005	139420	13482
1302011009	1302060009	125682	12631
1302011009	1302070003	142488	13622
1302011009	1302070002	140695	13614
1302011009	1302050010	113448	11142
1302011009	1302100017	188312	17730
1302011009	1302060006	121224	11834

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011009	1302101003	212972	20165
1302011009	1302060008	129556	12651
1302011009	1302060007	123304	11883
1302011009	1302020011	41736	3732
1302011009	1302020010	37946	3387
1302011009	1302060004	119664	11717
1302011009	1302060005	121565	11955
1302011009	1302020015	43311	3911
1302011009	1302060003	116165	11183
1302011009	1302020017	51132	4746
1302011009	1302020016	45403	4215
1302011009	1302090001	179127	16862
1302011009	1302090003	187546	17836
1302011009	1302090002	176140	16544
1302011009	1302090005	178524	16879
1302011009	1302090004	183304	17424
1302011009	1302090007	176520	16604
1302011009	1302090006	183180	17267
1302011009	1302090009	190022	18114
1302011009	1302060002	129840	12692
1302011009	1302070010	155499	15895
1302011009	1302040008	87229	8335
1302011009	1302040009	87371	8426
1302011009	1302070011	140372	13459
1302011009	1302040004	92710	9257
1302011009	1302040005	99127	9958
1302011009	1302040006	97704	9771
1302011009	1302040007	94023	9258
1302011009	1302100013	198458	18763
1302011009	1302040001	87042	8445
1302011009	1302040002	91435	9003
1302011009	1302040003	93530	9390
1302011009	1302021010	49397	4530
1302011009	1302050009	110068	10697
1302011009	1302050008	107664	10642
1302011009	1302100009	193773	18320



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011009	1302100008	190696	17992
1302011009	1302050005	104527	10271
1302011009	1302050004	99838	9838
1302011009	1302050007	105346	10572
1302011009	1302050006	103596	10349
1302011009	1302050001	97426	9567
1302011009	1302100002	197649	18682
1302011009	1302050003	100662	9823
1302011009	1302050002	104806	10432
1302011009	1302110008	223558	20568
1302011009	1302110009	222731	20666
1302011009	1302110006	212533	19689
1302011009	1302110007	241244	24118
1302011009	1302100014	218398	21039
1302011009	1302110005	202749	18900
1302011009	1302110002	198840	18608
1302011009	1302110003	197930	18498
1302011009	1302110001	194401	18158
1302011009	1302031009	77455	7486
1302011009	1302040013	86597	8407
1302011009	1302040012	89219	8784
1302011009	1302040011	80501	7707
1302011009	1302040010	85376	8199
1302011009	1302040016	93427	9133
1302011009	1302040015	91903	9276
1302011009	1302040014	87576	8521
1302011009	1302100015	185652	17661
1302011009	1302012010	31903	3308
1302100007	1302100006	661	68
1302100007	1302100005	4221	457
1302100007	1302100004	4376	534
1302100007	1302100003	7244	724
1302100007	1302100001	1749	220
1302100007	1302011010	182186	17144
1302100007	1302101005	13923	1428
1302100007	1302110004	12681	1207

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100007	1302030014	125804	12139
1302100007	1302100010	18737	1862
1302100007	1302100011	27154	2899
1302100007	1302030010	132206	12915
1302100007	1302100012	8833	887
1302100007	1302101001	14528	1501
1302100007	1302101002	19166	1896
1302100007	1302070004	63771	5852
1302100007	1302031008	121281	11802
1302100007	1302030012	127493	12299
1302100007	1302101006	30337	3419
1302100007	1302031004	132425	12879
1302100007	1302031005	115316	11005
1302100007	1302031006	120508	11546
1302100007	1302031007	120034	11562
1302100007	1302031001	120597	11473
1302100007	1302031002	116907	11129
1302100007	1302031003	136351	13402
1302100007	1302020009	149364	14458
1302100007	1302060001	71664	6536
1302100007	1302070001	57124	5120
1302100007	1302101004	28063	3045
1302100007	1302020003	147270	14286
1302100007	1302020001	150764	14566
1302100007	1302020006	141656	13601
1302100007	1302020005	146547	14167
1302100007	1302090012	11189	1163
1302100007	1302090013	13828	1501
1302100007	1302090010	8680	998
1302100007	1302090011	10232	1234
1302100007	1302090016	15345	1693
1302100007	1302090017	15345	1693
1302100007	1302090014	14160	1508
1302100007	1302090015	14825	1582
1302100007	1302090018	15345	1693
1302100007	1302090019	19857	2282

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100007	1302080001	30793	2937
1302100007	1302080002	35103	3522
1302100007	1302080003	39283	3592
1302100007	1302080004	35422	3305
1302100007	1302080005	31438	3122
1302100007	1302080006	34125	3409
1302100007	1302080007	35439	3591
1302100007	1302080008	37989	3950
1302100007	1302080009	40200	3751
1302100007	1302031010	112832	10736
1302100007	1302070009	63229	6332
1302100007	1302070008	57013	5341
1302100007	1302070007	56146	5209
1302100007	1302070006	51743	4756
1302100007	1302070005	52879	4837
1302100007	1302060009	78107	7720
1302100007	1302070003	47142	4249
1302100007	1302070002	50723	4727
1302100007	1302050010	81874	7407
1302100007	1302100017	2963	369
1302100007	1302060006	69986	6547
1302100007	1302101003	23347	2289
1302100007	1302060008	73458	6898
1302100007	1302060007	66389	6065
1302100007	1302020011	147894	14340
1302100007	1302020010	151684	14636
1302100007	1302060004	75861	7016
1302100007	1302060005	74611	7123
1302100007	1302020015	146319	14124
1302100007	1302060003	73465	6718
1302100007	1302020017	138498	13326
1302100007	1302020016	144228	13857
1302100007	1302090001	11386	1149
1302100007	1302090003	13892	1477
1302100007	1302090002	13812	1380
1302100007	1302090005	12486	1208

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100007	1302090004	16867	1804
1302100007	1302090007	14327	1439
1302100007	1302090006	7162	737
1302100007	1302090009	16368	1756
1302100007	1302060002	73741	6939
1302100007	1302070010	68958	7250
1302100007	1302040008	108056	10126
1302100007	1302040009	104549	9829
1302100007	1302070011	49258	4415
1302100007	1302040004	98834	9279
1302100007	1302040005	99329	9393
1302100007	1302040006	97906	9205
1302100007	1302040007	94695	8779
1302100007	1302100013	8833	887
1302100007	1302040001	102588	9541
1302100007	1302040002	97283	9038
1302100007	1302040003	99654	9412
1302100007	1302021010	152745	14771
1302100007	1302050009	79706	7255
1302100007	1302050008	83395	7618
1302100007	1302100009	4148	443
1302100007	1302100008	1071	116
1302100007	1302050005	84191	7696
1302100007	1302050004	91115	8510
1302100007	1302050007	87775	8137
1302100007	1302050006	90203	8400
1302100007	1302050001	91292	8470
1302100007	1302100002	8024	806
1302100007	1302050003	88992	8115
1302100007	1302050002	86147	7890
1302100007	1302110008	36603	3126
1302100007	1302110009	35776	3225
1302100007	1302110006	25578	2248
1302100007	1302110007	54289	6676
1302100007	1302100014	28774	3163
1302100007	1302110005	15794	1458

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100007	1302110002	11885	1166
1302100007	1302110003	10974	1056
1302100007	1302110001	7446	716
1302100007	1302031009	111995	10632
1302100007	1302040013	104164	9754
1302100007	1302040012	109514	10493
1302100007	1302040011	109129	10279
1302100007	1302040010	104597	9842
1302100007	1302040016	98092	8987
1302100007	1302040015	103697	9929
1302100007	1302040014	107871	10230
1302100007	1302100015	4947	639
1302100007	1302012010	175616	17020
1302100006	1302100005	3560	388
1302100006	1302100004	3715	465
1302100006	1302100003	7905	789
1302100006	1302100001	1087	152
1302100006	1302011010	181525	17076
1302100006	1302101005	14584	1493
1302100006	1302110004	12019	1139
1302100006	1302030014	125143	12071
1302100006	1302100010	19399	1926
1302100006	1302100011	27815	2964
1302100006	1302030010	131544	12847
1302100006	1302100012	9495	951
1302100006	1302101001	15189	1565
1302100006	1302101002	19828	1961
1302100006	1302070004	63109	5783
1302100006	1302031008	120620	11733
1302100006	1302030012	126832	12230
1302100006	1302101006	30998	3483
1302100006	1302031004	131764	12811
1302100006	1302031005	114655	10937
1302100006	1302031006	119846	11478
1302100006	1302031007	119373	11494
1302100006	1302031001	119935	11405

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100006	1302031002	116246	11060
1302100006	1302031003	135690	13334
1302100006	1302020009	148703	14390
1302100006	1302060001	71003	6468
1302100006	1302070001	56462	5052
1302100006	1302101004	28724	3109
1302100006	1302020003	146609	14217
1302100006	1302020001	150103	14497
1302100006	1302020006	140995	13533
1302100006	1302020005	145885	14099
1302100006	1302090012	10528	1095
1302100006	1302090013	13167	1433
1302100006	1302090010	8019	929
1302100006	1302090011	9570	1165
1302100006	1302090016	14684	1625
1302100006	1302090017	14684	1625
1302100006	1302090014	13499	1439
1302100006	1302090015	14164	1514
1302100006	1302090018	14684	1625
1302100006	1302090019	19196	2214
1302100006	1302080001	30132	2869
1302100006	1302080002	34442	3453
1302100006	1302080003	38621	3523
1302100006	1302080004	34761	3236
1302100006	1302080005	30777	3053
1302100006	1302080006	33464	3341
1302100006	1302080007	34778	3523
1302100006	1302080008	37327	3882
1302100006	1302080009	39538	3682
1302100006	1302031010	112170	10668
1302100006	1302070009	62568	6264
1302100006	1302070008	56352	5272
1302100006	1302070007	55485	5141
1302100006	1302070006	51082	4687
1302100006	1302070005	52217	4768
1302100006	1302060009	77445	7652

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100006	1302070003	46481	4181
1302100006	1302070002	50062	4659
1302100006	1302050010	81213	7339
1302100006	1302100017	2301	300
1302100006	1302060006	69325	6478
1302100006	1302101003	24008	2353
1302100006	1302060008	72796	6829
1302100006	1302060007	65728	5997
1302100006	1302020011	147233	14272
1302100006	1302020010	151023	14568
1302100006	1302060004	75200	6948
1302100006	1302060005	73950	7055
1302100006	1302020015	145658	14056
1302100006	1302060003	72804	6649
1302100006	1302020017	137837	13257
1302100006	1302020016	143566	13789
1302100006	1302090001	10725	1080
1302100006	1302090003	13231	1409
1302100006	1302090002	13151	1311
1302100006	1302090005	11824	1140
1302100006	1302090004	16206	1735
1302100006	1302090007	13666	1371
1302100006	1302090006	6501	669
1302100006	1302090009	15707	1688
1302100006	1302060002	73080	6871
1302100006	1302070010	68297	7181
1302100006	1302040008	107394	10057
1302100006	1302040009	103888	9761
1302100006	1302070011	48597	4346
1302100006	1302040004	98173	9211
1302100006	1302040005	98668	9324
1302100006	1302040006	97245	9137
1302100006	1302040007	94034	8711
1302100006	1302100013	9495	951
1302100006	1302040001	101927	9473
1302100006	1302040002	96622	8970

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100006	1302040003	98992	9343
1302100006	1302021010	152084	14703
1302100006	1302050009	79045	7186
1302100006	1302050008	82734	7550
1302100006	1302100009	4809	508
1302100006	1302100008	1732	180
1302100006	1302050005	83530	7627
1302100006	1302050004	90454	8442
1302100006	1302050007	87114	8069
1302100006	1302050006	89542	8332
1302100006	1302050001	90631	8402
1302100006	1302100002	8685	870
1302100006	1302050003	88331	8046
1302100006	1302050002	85486	7821
1302100006	1302110008	35942	3058
1302100006	1302110009	35115	3156
1302100006	1302110006	24917	2179
1302100006	1302110007	53628	6608
1302100006	1302100014	29435	3227
1302100006	1302110005	15132	1390
1302100006	1302110002	11223	1098
1302100006	1302110003	10313	988
1302100006	1302110001	6785	648
1302100006	1302031009	111334	10563
1302100006	1302040013	103503	9685
1302100006	1302040012	108853	10424
1302100006	1302040011	108468	10211
1302100006	1302040010	103936	9774
1302100006	1302040016	97431	8919
1302100006	1302040015	103036	9860
1302100006	1302040014	107210	10161
1302100006	1302100015	4286	570
1302100006	1302012010	174955	16951
1302100005	1302100004	6004	637
1302100005	1302100003	11465	1115
1302100005	1302100001	2769	237



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100005	1302011010	183737	17196
1302100005	1302101005	18144	1819
1302100005	1302110004	8459	750
1302100005	1302030014	127355	12191
1302100005	1302100010	22959	2253
1302100005	1302100011	31375	3290
1302100005	1302030010	133757	12967
1302100005	1302100012	13055	1278
1302100005	1302101001	18749	1892
1302100005	1302101002	23387	2287
1302100005	1302070004	65322	5903
1302100005	1302031008	122833	11853
1302100005	1302030012	129045	12350
1302100005	1302101006	34558	3810
1302100005	1302031004	133976	12931
1302100005	1302031005	116868	11057
1302100005	1302031006	122059	11597
1302100005	1302031007	121586	11613
1302100005	1302031001	122148	11525
1302100005	1302031002	118459	11180
1302100005	1302031003	137903	13453
1302100005	1302020009	150915	14510
1302100005	1302060001	73215	6587
1302100005	1302070001	58675	5172
1302100005	1302101004	32284	3436
1302100005	1302020003	148822	14337
1302100005	1302020001	152316	14617
1302100005	1302020006	143208	13653
1302100005	1302020005	148098	14218
1302100005	1302090012	12740	1214
1302100005	1302090013	15380	1553
1302100005	1302090010	10308	1101
1302100005	1302090011	11859	1337
1302100005	1302090016	16897	1745
1302100005	1302090017	16897	1745
1302100005	1302090014	15712	1559

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100005	1302090015	16377	1634
1302100005	1302090018	16897	1745
1302100005	1302090019	21409	2333
1302100005	1302080001	32345	2989
1302100005	1302080002	36655	3573
1302100005	1302080003	40834	3643
1302100005	1302080004	36973	3356
1302100005	1302080005	32990	3173
1302100005	1302080006	35677	3461
1302100005	1302080007	36991	3642
1302100005	1302080008	39540	4002
1302100005	1302080009	41751	3802
1302100005	1302031010	114383	10788
1302100005	1302070009	64780	6383
1302100005	1302070008	58564	5392
1302100005	1302070007	57698	5261
1302100005	1302070006	53294	4807
1302100005	1302070005	54430	4888
1302100005	1302060009	79658	7772
1302100005	1302070003	48694	4301
1302100005	1302070002	52274	4779
1302100005	1302050010	83426	7459
1302100005	1302100017	4590	472
1302100005	1302060006	71538	6598
1302100005	1302101003	27568	2680
1302100005	1302060008	75009	6949
1302100005	1302060007	67941	6116
1302100005	1302020011	149446	14391
1302100005	1302020010	153236	14688
1302100005	1302060004	77413	7068
1302100005	1302060005	76162	7175
1302100005	1302020015	147871	14176
1302100005	1302060003	75016	6769
1302100005	1302020017	140049	13377
1302100005	1302020016	145779	13909
1302100005	1302090001	12938	1200

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100005	1302090003	15444	1529
1302100005	1302090002	15364	1431
1302100005	1302090005	14037	1259
1302100005	1302090004	18418	1855
1302100005	1302090007	15879	1491
1302100005	1302090006	8714	789
1302100005	1302090009	17919	1807
1302100005	1302060002	75293	6990
1302100005	1302070010	70509	7301
1302100005	1302040008	109607	10177
1302100005	1302040009	106101	9881
1302100005	1302070011	50810	4466
1302100005	1302040004	100386	9331
1302100005	1302040005	100880	9444
1302100005	1302040006	99458	9257
1302100005	1302040007	96247	8831
1302100005	1302100013	13055	1278
1302100005	1302040001	104139	9593
1302100005	1302040002	98834	9089
1302100005	1302040003	101205	9463
1302100005	1302021010	154296	14822
1302100005	1302050009	81258	7306
1302100005	1302050008	84947	7670
1302100005	1302100009	8369	834
1302100005	1302100008	5292	506
1302100005	1302050005	85743	7747
1302100005	1302050004	92667	8561
1302100005	1302050007	89327	8189
1302100005	1302050006	91755	8452
1302100005	1302050001	92844	8522
1302100005	1302100002	12245	1197
1302100005	1302050003	90543	8166
1302100005	1302050002	87699	7941
1302100005	1302110008	32382	2669
1302100005	1302110009	31555	2768
1302100005	1302110006	21357	1791

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100005	1302110007	50068	6220
1302100005	1302100014	32995	3554
1302100005	1302110005	11572	1002
1302100005	1302110002	7663	710
1302100005	1302110003	6753	600
1302100005	1302110001	3225	259
1302100005	1302031009	113547	10683
1302100005	1302040013	105715	9805
1302100005	1302040012	111065	10544
1302100005	1302040011	110681	10331
1302100005	1302040010	106149	9894
1302100005	1302040016	99644	9039
1302100005	1302040015	105249	9980
1302100005	1302040014	109422	10281
1302100005	1302100015	6777	723
1302100005	1302012010	177167	17071
1302100004	1302100003	7688	923
1302100004	1302100001	3235	468
1302100004	1302011010	179323	17099
1302100004	1302101005	14367	1627
1302100004	1302110004	14464	1444
1302100004	1302030014	122941	12094
1302100004	1302100010	19181	2061
1302100004	1302100011	27598	3099
1302100004	1302030010	129343	12870
1302100004	1302100012	9277	1086
1302100004	1302101001	14972	1700
1302100004	1302101002	19610	2096
1302100004	1302070004	60908	5807
1302100004	1302031008	118418	11757
1302100004	1302030012	124630	12254
1302100004	1302101006	30781	3618
1302100004	1302031004	129562	12834
1302100004	1302031005	112453	10960
1302100004	1302031006	117645	11501
1302100004	1302031007	117171	11517

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100004	1302031001	117734	11428
1302100004	1302031002	114044	11084
1302100004	1302031003	133488	13357
1302100004	1302020009	146501	14413
1302100004	1302060001	68801	6491
1302100004	1302070001	54261	5075
1302100004	1302101004	28507	3244
1302100004	1302020003	144407	14241
1302100004	1302020001	147901	14521
1302100004	1302020006	138793	13556
1302100004	1302020005	143684	14122
1302100004	1302090012	8326	1118
1302100004	1302090013	10965	1456
1302100004	1302090010	4304	464
1302100004	1302090011	5855	700
1302100004	1302090016	12482	1648
1302100004	1302090017	12482	1648
1302100004	1302090014	11297	1463
1302100004	1302090015	11963	1537
1302100004	1302090018	12482	1648
1302100004	1302090019	16994	2237
1302100004	1302080001	27930	2892
1302100004	1302080002	32240	3477
1302100004	1302080003	36420	3547
1302100004	1302080004	32559	3260
1302100004	1302080005	28575	3077
1302100004	1302080006	31262	3364
1302100004	1302080007	32576	3546
1302100004	1302080008	35126	3905
1302100004	1302080009	37337	3706
1302100004	1302031010	109969	10691
1302100004	1302070009	60366	6287
1302100004	1302070008	54150	5296
1302100004	1302070007	53283	5164
1302100004	1302070006	48880	4711
1302100004	1302070005	50016	4792

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100004	1302060009	75244	7675
1302100004	1302070003	44279	4204
1302100004	1302070002	47860	4682
1302100004	1302050010	79011	7362
1302100004	1302100017	1414	165
1302100004	1302060006	67123	6502
1302100004	1302101003	23791	2488
1302100004	1302060008	70595	6853
1302100004	1302060007	63526	6020
1302100004	1302020011	145031	14295
1302100004	1302020010	148821	14591
1302100004	1302060004	72998	6972
1302100004	1302060005	71748	7078
1302100004	1302020015	143456	14079
1302100004	1302060003	70602	6673
1302100004	1302020017	135635	13281
1302100004	1302020016	141365	13812
1302100004	1302090001	8524	1104
1302100004	1302090003	11029	1432
1302100004	1302090002	10949	1335
1302100004	1302090005	9623	1163
1302100004	1302090004	14004	1759
1302100004	1302090007	11465	1394
1302100004	1302090006	4299	692
1302100004	1302090009	13505	1711
1302100004	1302060002	70878	6894
1302100004	1302070010	66095	7205
1302100004	1302040008	105193	10081
1302100004	1302040009	101686	9784
1302100004	1302070011	46395	4370
1302100004	1302040004	95971	9235
1302100004	1302040005	96466	9348
1302100004	1302040006	95043	9160
1302100004	1302040007	91832	8734
1302100004	1302100013	9277	1086
1302100004	1302040001	99725	9497

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100004	1302040002	94420	8993
1302100004	1302040003	96791	9367
1302100004	1302021010	149882	14726
1302100004	1302050009	76843	7210
1302100004	1302050008	80533	7573
1302100004	1302100009	6753	831
1302100004	1302100008	5447	649
1302100004	1302050005	81329	7651
1302100004	1302050004	88253	8465
1302100004	1302050007	84912	8092
1302100004	1302050006	87340	8355
1302100004	1302050001	88429	8426
1302100004	1302100002	8468	1005
1302100004	1302050003	86129	8070
1302100004	1302050002	83284	7845
1302100004	1302110008	38386	3363
1302100004	1302110009	37559	3461
1302100004	1302110006	27361	2484
1302100004	1302110007	56072	6913
1302100004	1302100014	29217	3362
1302100004	1302110005	17576	1695
1302100004	1302110002	13667	1403
1302100004	1302110003	12757	1293
1302100004	1302110001	9229	953
1302100004	1302031009	109132	10587
1302100004	1302040013	101301	9709
1302100004	1302040012	106651	10448
1302100004	1302040011	106266	10234
1302100004	1302040010	101734	9797
1302100004	1302040016	95229	8942
1302100004	1302040015	100834	9884
1302100004	1302040014	105008	10185
1302100004	1302100015	1117	173
1302100004	1302012010	172753	16975
1302100003	1302100001	8993	960
1302100003	1302011010	189430	17884

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100003	1302101005	6679	704
1302100003	1302110004	19925	1947
1302100003	1302030014	133048	12879
1302100003	1302100010	11493	1138
1302100003	1302100011	19910	2175
1302100003	1302030010	139450	13655
1302100003	1302100012	1589	162
1302100003	1302101001	7284	777
1302100003	1302101002	11922	1172
1302100003	1302070004	71015	6591
1302100003	1302031008	128525	12542
1302100003	1302030012	134737	13038
1302100003	1302101006	23093	2695
1302100003	1302031004	139669	13619
1302100003	1302031005	122560	11745
1302100003	1302031006	127752	12286
1302100003	1302031007	127278	12302
1302100003	1302031001	127841	12213
1302100003	1302031002	124151	11868
1302100003	1302031003	143596	14142
1302100003	1302020009	156608	15198
1302100003	1302060001	78908	7276
1302100003	1302070001	64368	5860
1302100003	1302101004	20819	2321
1302100003	1302020003	154515	15025
1302100003	1302020001	158008	15306
1302100003	1302020006	148900	14341
1302100003	1302020005	153791	14907
1302100003	1302090012	18433	1903
1302100003	1302090013	21072	2241
1302100003	1302090010	11991	1395
1302100003	1302090011	13543	1631
1302100003	1302090016	22589	2433
1302100003	1302090017	22589	2433
1302100003	1302090014	21405	2247
1302100003	1302090015	22070	2322



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100003	1302090018	22589	2433
1302100003	1302090019	27101	3022
1302100003	1302080001	38038	3677
1302100003	1302080002	42348	4262
1302100003	1302080003	46527	4331
1302100003	1302080004	42666	4044
1302100003	1302080005	38682	3861
1302100003	1302080006	41370	4149
1302100003	1302080007	42683	4331
1302100003	1302080008	45233	4690
1302100003	1302080009	47444	4491
1302100003	1302031010	120076	11476
1302100003	1302070009	70473	7072
1302100003	1302070008	64257	6080
1302100003	1302070007	63390	5949
1302100003	1302070006	58987	5495
1302100003	1302070005	60123	5576
1302100003	1302060009	85351	8460
1302100003	1302070003	54386	4989
1302100003	1302070002	57967	5467
1302100003	1302050010	89118	8147
1302100003	1302100017	8555	1028
1302100003	1302060006	77230	7287
1302100003	1302101003	16103	1565
1302100003	1302060008	80702	7638
1302100003	1302060007	73633	6805
1302100003	1302020011	155138	15080
1302100003	1302020010	158928	15376
1302100003	1302060004	83105	7756
1302100003	1302060005	81855	7863
1302100003	1302020015	153563	14864
1302100003	1302060003	80709	7458
1302100003	1302020017	145742	14066
1302100003	1302020016	151472	14597
1302100003	1302090001	18631	1888
1302100003	1302090003	21136	2217

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100003	1302090002	21056	2119
1302100003	1302090005	19730	1948
1302100003	1302090004	24111	2543
1302100003	1302090007	21572	2179
1302100003	1302090006	14406	1477
1302100003	1302090009	23612	2496
1302100003	1302060002	80985	7679
1302100003	1302070010	76202	7989
1302100003	1302040008	115300	10865
1302100003	1302040009	111793	10569
1302100003	1302070011	56502	5155
1302100003	1302040004	106078	10002
1302100003	1302040005	106573	10115
1302100003	1302040006	105150	9928
1302100003	1302040007	101939	9502
1302100003	1302100013	1589	162
1302100003	1302040001	109832	10281
1302100003	1302040002	104527	9760
1302100003	1302040003	106898	10134
1302100003	1302021010	159989	15511
1302100003	1302050009	86950	7994
1302100003	1302050008	90640	8358
1302100003	1302100009	4035	508
1302100003	1302100008	6840	723
1302100003	1302050005	91436	8436
1302100003	1302050004	98091	9136
1302100003	1302050007	95020	8877
1302100003	1302050006	97447	9140
1302100003	1302050001	98536	9193
1302100003	1302100002	780	82
1302100003	1302050003	96236	8855
1302100003	1302050002	93391	8630
1302100003	1302110008	43847	3866
1302100003	1302110009	43020	3964
1302100003	1302110006	32822	2987
1302100003	1302110007	61533	7416

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100003	1302100014	21529	2439
1302100003	1302110005	23038	2198
1302100003	1302110002	19129	1906
1302100003	1302110003	18219	1796
1302100003	1302110001	14690	1456
1302100003	1302031009	119240	11372
1302100003	1302040013	111408	10493
1302100003	1302040012	116758	11232
1302100003	1302040011	116374	11019
1302100003	1302040010	111841	10582
1302100003	1302040016	105336	9727
1302100003	1302040015	110941	10651
1302100003	1302040014	115115	10969
1302100003	1302100015	8258	1035
1302100003	1302012010	182860	17759
1302100001	1302011010	180968	16959
1302100001	1302101005	15671	1657
1302100001	1302110004	11228	976
1302100001	1302030014	124586	11954
1302100001	1302100010	20486	2091
1302100001	1302100011	28902	3128
1302100001	1302030010	130988	12730
1302100001	1302100012	10582	1116
1302100001	1302101001	16277	1730
1302100001	1302101002	20915	2125
1302100001	1302070004	62553	5666
1302100001	1302031008	120064	11616
1302100001	1302030012	126276	12113
1302100001	1302101006	32086	3648
1302100001	1302031004	131207	12694
1302100001	1302031005	114099	10820
1302100001	1302031006	119290	11360
1302100001	1302031007	118817	11377
1302100001	1302031001	119379	11288
1302100001	1302031002	115690	10943
1302100001	1302031003	135134	13216

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100001	1302020009	148146	14273
1302100001	1302060001	70446	6351
1302100001	1302070001	55906	4935
1302100001	1302101004	29812	3274
1302100001	1302020003	146053	14100
1302100001	1302020001	149547	14380
1302100001	1302020006	140439	13416
1302100001	1302020005	145329	13981
1302100001	1302090012	9971	978
1302100001	1302090013	12611	1316
1302100001	1302090010	7539	864
1302100001	1302090011	9090	1100
1302100001	1302090016	14128	1508
1302100001	1302090017	14128	1508
1302100001	1302090014	12943	1322
1302100001	1302090015	13608	1397
1302100001	1302090018	14128	1508
1302100001	1302090019	18640	2096
1302100001	1302080001	29576	2752
1302100001	1302080002	33886	3336
1302100001	1302080003	38065	3406
1302100001	1302080004	34204	3119
1302100001	1302080005	30221	2936
1302100001	1302080006	32908	3224
1302100001	1302080007	34222	3406
1302100001	1302080008	36771	3765
1302100001	1302080009	38982	3565
1302100001	1302031010	111614	10551
1302100001	1302070009	62011	6146
1302100001	1302070008	55795	5155
1302100001	1302070007	54929	5024
1302100001	1302070006	50525	4570
1302100001	1302070005	51661	4651
1302100001	1302060009	76889	7535
1302100001	1302070003	45925	4064
1302100001	1302070002	49505	4542

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100001	1302050010	80657	7222
1302100001	1302100017	1821	235
1302100001	1302060006	68769	6361
1302100001	1302101003	25096	2518
1302100001	1302060008	72240	6712
1302100001	1302060007	65172	5880
1302100001	1302020011	146677	14154
1302100001	1302020010	150467	14451
1302100001	1302060004	74644	6831
1302100001	1302060005	73393	6938
1302100001	1302020015	145102	13939
1302100001	1302060003	72247	6532
1302100001	1302020017	137280	13140
1302100001	1302020016	143010	13672
1302100001	1302090001	10169	963
1302100001	1302090003	12675	1292
1302100001	1302090002	12595	1194
1302100001	1302090005	11268	1022
1302100001	1302090004	15649	1618
1302100001	1302090007	13110	1254
1302100001	1302090006	5945	552
1302100001	1302090009	15150	1570
1302100001	1302060002	72524	6753
1302100001	1302070010	67740	7064
1302100001	1302040008	106838	9940
1302100001	1302040009	103332	9644
1302100001	1302070011	48041	4229
1302100001	1302040004	97617	9094
1302100001	1302040005	98111	9207
1302100001	1302040006	96689	9020
1302100001	1302040007	93478	8594
1302100001	1302100013	10582	1116
1302100001	1302040001	101370	9356
1302100001	1302040002	96065	8852
1302100001	1302040003	98436	9226
1302100001	1302021010	151527	14586

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100001	1302050009	78489	7069
1302100001	1302050008	82178	7433
1302100001	1302100009	5897	672
1302100001	1302100008	2819	344
1302100001	1302050005	82974	7510
1302100001	1302050004	89898	8325
1302100001	1302050007	86558	7952
1302100001	1302050006	88986	8215
1302100001	1302050001	90075	8285
1302100001	1302100002	9773	1035
1302100001	1302050003	87774	7929
1302100001	1302050002	84930	7704
1302100001	1302110008	35151	2895
1302100001	1302110009	34324	2994
1302100001	1302110006	24126	2017
1302100001	1302110007	52837	6445
1302100001	1302100014	30522	3392
1302100001	1302110005	14341	1227
1302100001	1302110002	10432	935
1302100001	1302110003	9522	825
1302100001	1302110001	5994	485
1302100001	1302031009	110778	10446
1302100001	1302040013	102946	9568
1302100001	1302040012	108296	10307
1302100001	1302040011	107912	10094
1302100001	1302040010	103380	9657
1302100001	1302040016	96875	8802
1302100001	1302040015	102480	9743
1302100001	1302040014	106653	10044
1302100001	1302100015	4008	486
1302100001	1302012010	174398	16834
1302011010	1302101005	196103	18433
1302011010	1302110004	192191	17777
1302011010	1302030014	56382	5061
1302011010	1302100010	200918	18867
1302011010	1302100011	209334	19904

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011010	1302030010	69696	6589
1302011010	1302100012	191014	17892
1302011010	1302101001	196708	18506
1302011010	1302101002	201347	18901
1302011010	1302070004	130136	12418
1302011010	1302031008	70483	6873
1302011010	1302030012	64983	5972
1302011010	1302101006	212518	20424
1302011010	1302031004	69915	6553
1302011010	1302031005	66707	6244
1302011010	1302031006	64452	6054
1302011010	1302031007	73571	7062
1302011010	1302031001	61589	5727
1302011010	1302031002	70444	6629
1302011010	1302031003	73841	7075
1302011010	1302020009	32822	2696
1302011010	1302060001	110522	10494
1302011010	1302070001	125062	11865
1302011010	1302101004	210244	20050
1302011010	1302020003	35356	3039
1302011010	1302020001	31422	2587
1302011010	1302020006	40530	3599
1302011010	1302020005	35730	3042
1302011010	1302090012	179697	16811
1302011010	1302090013	180037	16988
1302011010	1302090010	183629	17426
1302011010	1302090011	185180	17662
1302011010	1302090016	181554	17180
1302011010	1302090017	181554	17180
1302011010	1302090014	180370	16995
1302011010	1302090015	181035	17070
1302011010	1302090018	181554	17180
1302011010	1302090019	178850	17031
1302011010	1302080001	151465	14096
1302011010	1302080002	156545	14762
1302011010	1302080003	142903	13401

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011010	1302080004	146764	13685
1302011010	1302080005	152619	14240
1302011010	1302080006	155567	14650
1302011010	1302080007	156881	14831
1302011010	1302080008	159431	15191
1302011010	1302080009	143510	13593
1302011010	1302031010	69192	6513
1302011010	1302070009	142325	14106
1302011010	1302070008	136109	13114
1302011010	1302070007	135243	12983
1302011010	1302070006	133052	12752
1302011010	1302070005	131975	12610
1302011010	1302060009	118238	11759
1302011010	1302070003	135044	12751
1302011010	1302070002	133250	12742
1302011010	1302050010	106003	10271
1302011010	1302100017	180868	16859
1302011010	1302060006	113779	10963
1302011010	1302101003	205527	19294
1302011010	1302060008	122112	11780
1302011010	1302060007	115859	11012
1302011010	1302020011	34292	2860
1302011010	1302020010	30502	2516
1302011010	1302060004	112219	10845
1302011010	1302060005	114120	11084
1302011010	1302020015	35867	3039
1302011010	1302060003	108721	10312
1302011010	1302020017	43688	3875
1302011010	1302020016	37958	3343
1302011010	1302090001	171683	15991
1302011010	1302090003	180101	16965
1302011010	1302090002	168696	15672
1302011010	1302090005	171079	16007
1302011010	1302090004	175860	16552
1302011010	1302090007	169076	15732
1302011010	1302090006	175735	16396



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011010	1302090009	182577	17243
1302011010	1302060002	122396	11821
1302011010	1302070010	148055	15023
1302011010	1302040008	79784	7464
1302011010	1302040009	79926	7555
1302011010	1302070011	132928	12587
1302011010	1302040004	85266	8386
1302011010	1302040005	91682	9087
1302011010	1302040006	90259	8899
1302011010	1302040007	86579	8387
1302011010	1302100013	191014	17892
1302011010	1302040001	79598	7573
1302011010	1302040002	83991	8132
1302011010	1302040003	86085	8518
1302011010	1302021010	41953	3658
1302011010	1302050009	102624	9825
1302011010	1302050008	100220	9771
1302011010	1302100009	186328	17448
1302011010	1302100008	183251	17121
1302011010	1302050005	97082	9400
1302011010	1302050004	92393	8966
1302011010	1302050007	97902	9701
1302011010	1302050006	96152	9478
1302011010	1302050001	89982	8695
1302011010	1302100002	190204	17811
1302011010	1302050003	93217	8952
1302011010	1302050002	97361	9561
1302011010	1302110008	216113	19696
1302011010	1302110009	215287	19795
1302011010	1302110006	205089	18818
1302011010	1302110007	233800	23247
1302011010	1302100014	210954	20168
1302011010	1302110005	195304	18029
1302011010	1302110002	191395	17737
1302011010	1302110003	190485	17627
1302011010	1302110001	186956	17286

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302011010	1302031009	70010	6615
1302011010	1302040013	79153	7536
1302011010	1302040012	81774	7912
1302011010	1302040011	73056	6835
1302011010	1302040010	77932	7327
1302011010	1302040016	85983	8262
1302011010	1302040015	84459	8405
1302011010	1302040014	80131	7650
1302011010	1302100015	178208	16790
1302011010	1302012010	24458	2437
1302101005	1302110004	26603	2644
1302101005	1302030014	139727	13576
1302101005	1302100010	5033	496
1302101005	1302100011	13450	1533
1302101005	1302030010	146128	14353
1302101005	1302100012	5089	535
1302101005	1302101001	605	73
1302101005	1302101002	5462	530
1302101005	1302070004	77693	7289
1302101005	1302031008	135204	13239
1302101005	1302030012	141416	13736
1302101005	1302101006	16633	2053
1302101005	1302031004	146348	14317
1302101005	1302031005	129239	12443
1302101005	1302031006	134430	12983
1302101005	1302031007	133957	12999
1302101005	1302031001	134519	12911
1302101005	1302031002	130830	12566
1302101005	1302031003	150274	14839
1302101005	1302020009	163287	15895
1302101005	1302060001	85587	7973
1302101005	1302070001	71046	6557
1302101005	1302101004	14359	1679
1302101005	1302020003	161193	15723
1302101005	1302020001	164687	16003
1302101005	1302020006	155579	15039

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101005	1302020005	160469	15604
1302101005	1302090012	25111	2600
1302101005	1302090013	27751	2938
1302101005	1302090010	18670	2093
1302101005	1302090011	20222	2329
1302101005	1302090016	29268	3131
1302101005	1302090017	29268	3131
1302101005	1302090014	28083	2945
1302101005	1302090015	28748	3020
1302101005	1302090018	29268	3131
1302101005	1302090019	33780	3719
1302101005	1302080001	44716	4374
1302101005	1302080002	49026	4959
1302101005	1302080003	53205	5029
1302101005	1302080004	49345	4742
1302101005	1302080005	45361	4559
1302101005	1302080006	48048	4847
1302101005	1302080007	49362	5028
1302101005	1302080008	51911	5388
1302101005	1302080009	54122	5188
1302101005	1302031010	126754	12173
1302101005	1302070009	77152	7769
1302101005	1302070008	70936	6778
1302101005	1302070007	70069	6646
1302101005	1302070006	65666	6193
1302101005	1302070005	66801	6274
1302101005	1302060009	92029	9158
1302101005	1302070003	61065	5686
1302101005	1302070002	64646	6165
1302101005	1302050010	95797	8845
1302101005	1302100017	15234	1726
1302101005	1302060006	83909	7984
1302101005	1302101003	9643	923
1302101005	1302060008	87380	8335
1302101005	1302060007	80312	7502
1302101005	1302020011	161817	15777

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101005	1302020010	165607	16074
1302101005	1302060004	89784	8454
1302101005	1302060005	88534	8560
1302101005	1302020015	160242	15562
1302101005	1302060003	87388	8155
1302101005	1302020017	152421	14763
1302101005	1302020016	158150	15294
1302101005	1302090001	25309	2586
1302101005	1302090003	27815	2915
1302101005	1302090002	27735	2817
1302101005	1302090005	26408	2645
1302101005	1302090004	30790	3241
1302101005	1302090007	28250	2876
1302101005	1302090006	21085	2174
1302101005	1302090009	30291	3193
1302101005	1302060002	87664	8376
1302101005	1302070010	82881	8687
1302101005	1302040008	121978	11563
1302101005	1302040009	118472	11267
1302101005	1302070011	63181	5852
1302101005	1302040004	112757	10717
1302101005	1302040005	113252	10830
1302101005	1302040006	111829	10643
1302101005	1302040007	108618	10216
1302101005	1302100013	5089	535
1302101005	1302040001	116511	10979
1302101005	1302040002	111206	10475
1302101005	1302040003	113576	10849
1302101005	1302021010	166668	16208
1302101005	1302050009	93629	8692
1302101005	1302050008	97318	9056
1302101005	1302100009	10714	1206
1302101005	1302100008	13518	1420
1302101005	1302050005	98114	9133
1302101005	1302050004	105038	9947
1302101005	1302050007	101698	9574

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101005	1302050006	104126	9837
1302101005	1302050001	105215	9908
1302101005	1302100002	5899	616
1302101005	1302050003	102915	9552
1302101005	1302050002	100070	9327
1302101005	1302110008	50526	4563
1302101005	1302110009	49699	4662
1302101005	1302110006	39501	3685
1302101005	1302110007	68212	8114
1302101005	1302100014	15069	1797
1302101005	1302110005	29716	2896
1302101005	1302110002	25807	2604
1302101005	1302110003	24897	2494
1302101005	1302110001	21369	2153
1302101005	1302031009	125918	12069
1302101005	1302040013	118087	11191
1302101005	1302040012	123437	11930
1302101005	1302040011	123052	11717
1302101005	1302040010	118520	11280
1302101005	1302040016	112015	10425
1302101005	1302040015	117620	11366
1302101005	1302040014	121794	11667
1302101005	1302100015	14937	1733
1302101005	1302012010	189538	18457
1302110004	1302030014	135815	12949
1302110004	1302100010	31418	3011
1302110004	1302100011	39834	4049
1302110004	1302030010	142216	13725
1302110004	1302100012	21514	2036
1302110004	1302101001	27209	2650
1302110004	1302101002	31847	3046
1302110004	1302070004	73781	6661
1302110004	1302031008	131292	12612
1302110004	1302030012	137504	13108
1302110004	1302101006	43018	4568
1302110004	1302031004	142436	13689

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110004	1302031005	125327	11815
1302110004	1302031006	130518	12356
1302110004	1302031007	130045	12372
1302110004	1302031001	130607	12283
1302110004	1302031002	126918	11938
1302110004	1302031003	146362	14212
1302110004	1302020009	159375	15268
1302110004	1302060001	81675	7346
1302110004	1302070001	67135	5930
1302110004	1302101004	40744	4194
1302110004	1302020003	157281	15095
1302110004	1302020001	160775	15375
1302110004	1302020006	151667	14411
1302110004	1302020005	156557	14977
1302110004	1302090012	21200	1973
1302110004	1302090013	23839	2311
1302110004	1302090010	18767	1859
1302110004	1302090011	20319	2095
1302110004	1302090016	25356	2503
1302110004	1302090017	25356	2503
1302110004	1302090014	24171	2317
1302110004	1302090015	24836	2392
1302110004	1302090018	25356	2503
1302110004	1302090019	29868	3092
1302110004	1302080001	40804	3747
1302110004	1302080002	45114	4331
1302110004	1302080003	49293	4401
1302110004	1302080004	45433	4114
1302110004	1302080005	41449	3931
1302110004	1302080006	44136	4219
1302110004	1302080007	45450	4401
1302110004	1302080008	47999	4760
1302110004	1302080009	50211	4560
1302110004	1302031010	122843	11546
1302110004	1302070009	73240	7142
1302110004	1302070008	67024	6150

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110004	1302070007	66157	6019
1302110004	1302070006	61754	5565
1302110004	1302070005	62889	5646
1302110004	1302060009	88118	8530
1302110004	1302070003	57153	5059
1302110004	1302070002	60734	5537
1302110004	1302050010	91885	8217
1302110004	1302100017	13050	1230
1302110004	1302060006	79997	7356
1302110004	1302101003	36028	3438
1302110004	1302060008	83468	7707
1302110004	1302060007	76400	6875
1302110004	1302020011	157905	15150
1302110004	1302020010	161695	15446
1302110004	1302060004	85872	7826
1302110004	1302060005	84622	7933
1302110004	1302020015	156330	14934
1302110004	1302060003	83476	7527
1302110004	1302020017	148509	14135
1302110004	1302020016	154239	14667
1302110004	1302090001	21397	1958
1302110004	1302090003	23903	2287
1302110004	1302090002	23823	2189
1302110004	1302090005	22496	2018
1302110004	1302090004	26878	2613
1302110004	1302090007	24338	2249
1302110004	1302090006	17173	1547
1302110004	1302090009	26379	2566
1302110004	1302060002	83752	7749
1302110004	1302070010	78969	8059
1302110004	1302040008	118066	10935
1302110004	1302040009	114560	10639
1302110004	1302070011	59269	5225
1302110004	1302040004	108845	10089
1302110004	1302040005	109340	10202
1302110004	1302040006	107917	10015

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110004	1302040007	104706	9589
1302110004	1302100013	21514	2036
1302110004	1302040001	112599	10351
1302110004	1302040002	107294	9848
1302110004	1302040003	109665	10221
1302110004	1302021010	162756	15581
1302110004	1302050009	89717	8064
1302110004	1302050008	93406	8428
1302110004	1302100009	16829	1593
1302110004	1302100008	13751	1265
1302110004	1302050005	94202	8505
1302110004	1302050004	101126	9320
1302110004	1302050007	97786	8947
1302110004	1302050006	100214	9210
1302110004	1302050001	101303	9280
1302110004	1302100002	20705	1955
1302110004	1302050003	99003	8925
1302110004	1302050002	96158	8700
1302110004	1302110008	23922	1919
1302110004	1302110009	23095	2018
1302110004	1302110006	12897	1041
1302110004	1302110007	41608	5469
1302110004	1302100014	41454	4312
1302110004	1302110005	3113	251
1302110004	1302110002	3876	452
1302110004	1302110003	1752	205
1302110004	1302110001	5235	506
1302110004	1302031009	122006	11442
1302110004	1302040013	114175	10563
1302110004	1302040012	119525	11302
1302110004	1302040011	119140	11089
1302110004	1302040010	114608	10652
1302110004	1302040016	108103	9797
1302110004	1302040015	113708	10739
1302110004	1302040014	117882	11039
1302110004	1302100015	15236	1481



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110004	1302012010	185627	17829
1302030014	1302100010	144536	13806
1302030014	1302100011	152952	14843
1302030014	1302030010	13313	1527
1302030014	1302100012	134632	12830
1302030014	1302101001	140326	13445
1302030014	1302101002	144965	13840
1302030014	1302070004	73754	7357
1302030014	1302031008	14101	1812
1302030014	1302030012	8601	911
1302030014	1302101006	156136	15363
1302030014	1302031004	13533	1491
1302030014	1302031005	10325	1182
1302030014	1302031006	8070	993
1302030014	1302031007	17189	2001
1302030014	1302031001	5207	666
1302030014	1302031002	14062	1568
1302030014	1302031003	17459	2014
1302030014	1302020009	23560	2319
1302030014	1302060001	54140	5433
1302030014	1302070001	68680	6803
1302030014	1302101004	153862	14988
1302030014	1302020003	21467	2146
1302030014	1302020001	24960	2427
1302030014	1302020006	15852	1462
1302030014	1302020005	20743	2028
1302030014	1302090012	123315	11749
1302030014	1302090013	123655	11927
1302030014	1302090010	127247	12365
1302030014	1302090011	128798	12601
1302030014	1302090016	125172	12119
1302030014	1302090017	125172	12119
1302030014	1302090014	123988	11933
1302030014	1302090015	124653	12008
1302030014	1302090018	125172	12119
1302030014	1302090019	122468	11969

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030014	1302080001	95083	9035
1302030014	1302080002	100163	9701
1302030014	1302080003	86521	8339
1302030014	1302080004	90382	8623
1302030014	1302080005	96237	9179
1302030014	1302080006	99185	9588
1302030014	1302080007	100499	9770
1302030014	1302080008	103049	10129
1302030014	1302080009	87128	8531
1302030014	1302031010	12810	1452
1302030014	1302070009	85943	9044
1302030014	1302070008	79727	8053
1302030014	1302070007	78861	7921
1302030014	1302070006	76670	7690
1302030014	1302070005	75593	7549
1302030014	1302060009	61856	6698
1302030014	1302070003	78662	7690
1302030014	1302070002	76868	7681
1302030014	1302050010	49621	5209
1302030014	1302100017	124486	11798
1302030014	1302060006	57397	5902
1302030014	1302101003	149145	14232
1302030014	1302060008	65730	6718
1302030014	1302060007	59477	5950
1302030014	1302020011	22091	2201
1302030014	1302020010	25880	2497
1302030014	1302060004	55837	5784
1302030014	1302060005	57738	6023
1302030014	1302020015	20515	1985
1302030014	1302060003	52339	5251
1302030014	1302020017	12694	1187
1302030014	1302020016	18424	1718
1302030014	1302090001	115301	10930
1302030014	1302090003	123719	11903
1302030014	1302090002	112314	10611
1302030014	1302090005	114697	10946

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030014	1302090004	119478	11491
1302030014	1302090007	112694	10671
1302030014	1302090006	119353	11334
1302030014	1302090009	126195	12182
1302030014	1302060002	66014	6759
1302030014	1302070010	91673	9962
1302030014	1302040008	23402	2402
1302030014	1302040009	23544	2493
1302030014	1302070011	76546	7526
1302030014	1302040004	28884	3325
1302030014	1302040005	35300	4025
1302030014	1302040006	33877	3838
1302030014	1302040007	30197	3325
1302030014	1302100013	134632	12830
1302030014	1302040001	23216	2512
1302030014	1302040002	27609	3070
1302030014	1302040003	29703	3457
1302030014	1302021010	26941	2632
1302030014	1302050009	46242	4764
1302030014	1302050008	43838	4709
1302030014	1302100009	129946	12387
1302030014	1302100008	126869	12059
1302030014	1302050005	40700	4338
1302030014	1302050004	36011	3905
1302030014	1302050007	41520	4639
1302030014	1302050006	39770	4416
1302030014	1302050001	33600	3634
1302030014	1302100002	133822	12749
1302030014	1302050003	36835	3890
1302030014	1302050002	40979	4499
1302030014	1302110008	159731	14635
1302030014	1302110009	158905	14733
1302030014	1302110006	148707	13756
1302030014	1302110007	177418	18185
1302030014	1302100014	154572	15107
1302030014	1302110005	138922	12967

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030014	1302110002	135013	12675
1302030014	1302110003	134103	12565
1302030014	1302110001	130574	12225
1302030014	1302031009	13628	1553
1302030014	1302040013	22771	2474
1302030014	1302040012	25392	2851
1302030014	1302040011	16674	1774
1302030014	1302040010	21550	2266
1302030014	1302040016	29601	3200
1302030014	1302040015	28077	3344
1302030014	1302040014	23749	2588
1302030014	1302100015	121826	11728
1302030014	1302012010	49812	4880
1302100010	1302100011	8416	1037
1302100010	1302030010	150943	14793
1302100010	1302100012	9904	976
1302100010	1302101001	4428	420
1302100010	1302101002	429	34
1302100010	1302070004	82508	7729
1302100010	1302031008	140019	13680
1302100010	1302030012	146231	14176
1302100010	1302101006	11600	1557
1302100010	1302031004	151163	14757
1302100010	1302031005	134054	12883
1302100010	1302031006	139245	13424
1302100010	1302031007	138772	13440
1302100010	1302031001	139334	13351
1302100010	1302031002	135645	13006
1302100010	1302031003	155089	15280
1302100010	1302020009	168101	16336
1302100010	1302060001	90401	8414
1302100010	1302070001	75861	6998
1302100010	1302101004	9326	1183
1302100010	1302020003	166008	16163
1302100010	1302020001	169502	16444
1302100010	1302020006	160394	15479

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100010	1302020005	165284	16045
1302100010	1302090012	29926	3041
1302100010	1302090013	32566	3379
1302100010	1302090010	23485	2533
1302100010	1302090011	25037	2769
1302100010	1302090016	34083	3571
1302100010	1302090017	34083	3571
1302100010	1302090014	32898	3385
1302100010	1302090015	33563	3460
1302100010	1302090018	34083	3571
1302100010	1302090019	38595	4160
1302100010	1302080001	49531	4815
1302100010	1302080002	53841	5400
1302100010	1302080003	58020	5470
1302100010	1302080004	54159	5182
1302100010	1302080005	50176	4999
1302100010	1302080006	52863	5287
1302100010	1302080007	54177	5469
1302100010	1302080008	56726	5828
1302100010	1302080009	58937	5629
1302100010	1302031010	131569	12614
1302100010	1302070009	81966	8210
1302100010	1302070008	75750	7218
1302100010	1302070007	74884	7087
1302100010	1302070006	70480	6634
1302100010	1302070005	71616	6715
1302100010	1302060009	96844	9598
1302100010	1302070003	65880	6127
1302100010	1302070002	69460	6605
1302100010	1302050010	100612	9285
1302100010	1302100017	20048	2167
1302100010	1302060006	88724	8425
1302100010	1302101003	4610	427
1302100010	1302060008	92195	8776
1302100010	1302060007	85127	7943
1302100010	1302020011	166632	16218

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100010	1302020010	170422	16514
1302100010	1302060004	94599	8894
1302100010	1302060005	93348	9001
1302100010	1302020015	165057	16002
1302100010	1302060003	92202	8596
1302100010	1302020017	157235	15204
1302100010	1302020016	162965	15735
1302100010	1302090001	30124	3026
1302100010	1302090003	32630	3355
1302100010	1302090002	32550	3257
1302100010	1302090005	31223	3086
1302100010	1302090004	35604	3681
1302100010	1302090007	33065	3317
1302100010	1302090006	25900	2615
1302100010	1302090009	35105	3634
1302100010	1302060002	92479	8817
1302100010	1302070010	87695	9127
1302100010	1302040008	126793	12004
1302100010	1302040009	123287	11707
1302100010	1302070011	67996	6293
1302100010	1302040004	117572	11140
1302100010	1302040005	118066	11253
1302100010	1302040006	116644	11066
1302100010	1302040007	113433	10640
1302100010	1302100013	9904	976
1302100010	1302040001	121326	11419
1302100010	1302040002	116020	10898
1302100010	1302040003	118391	11272
1302100010	1302021010	171482	16649
1302100010	1302050009	98444	9133
1302100010	1302050008	102133	9496
1302100010	1302100009	15529	1646
1302100010	1302100008	18333	1861
1302100010	1302050005	102929	9574
1302100010	1302050004	109584	10274
1302100010	1302050007	106513	10015

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100010	1302050006	108941	10278
1302100010	1302050001	110030	10331
1302100010	1302100002	10713	1056
1302100010	1302050003	107730	9993
1302100010	1302050002	104885	9768
1302100010	1302110008	55340	5004
1302100010	1302110009	54514	5102
1302100010	1302110006	44315	4125
1302100010	1302110007	73026	8554
1302100010	1302100014	10036	1301
1302100010	1302110005	34531	3336
1302100010	1302110002	30622	3044
1302100010	1302110003	29712	2934
1302100010	1302110001	26183	2594
1302100010	1302031009	130733	12510
1302100010	1302040013	122901	11631
1302100010	1302040012	128251	12370
1302100010	1302040011	127867	12157
1302100010	1302040010	123335	11720
1302100010	1302040016	116830	10865
1302100010	1302040015	122435	11789
1302100010	1302040014	126608	12107
1302100010	1302100015	19752	2173
1302100010	1302012010	194353	18897
1302100011	1302030010	159359	15835
1302100011	1302100012	18320	2018
1302100011	1302101001	12844	1462
1302100011	1302101002	7987	1008
1302100011	1302070004	90924	8771
1302100011	1302031008	148435	14722
1302100011	1302030012	154647	15218
1302100011	1302101006	4308	692
1302100011	1302031004	159579	15799
1302100011	1302031005	142470	13925
1302100011	1302031006	147661	14466
1302100011	1302031007	147188	14482

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100011	1302031001	147750	14393
1302100011	1302031002	144061	14048
1302100011	1302031003	163505	16322
1302100011	1302020009	176518	17378
1302100011	1302060001	98818	9456
1302100011	1302070001	84277	8040
1302100011	1302101004	909	146
1302100011	1302020003	174424	17205
1302100011	1302020001	177918	17486
1302100011	1302020006	168810	16521
1302100011	1302020005	173700	17087
1302100011	1302090012	38342	4083
1302100011	1302090013	40982	4421
1302100011	1302090010	31901	3575
1302100011	1302090011	33453	3811
1302100011	1302090016	42499	4613
1302100011	1302090017	42499	4613
1302100011	1302090014	41314	4427
1302100011	1302090015	41979	4502
1302100011	1302090018	42499	4613
1302100011	1302090019	47011	5202
1302100011	1302080001	57947	5857
1302100011	1302080002	62257	6442
1302100011	1302080003	66436	6512
1302100011	1302080004	62576	6224
1302100011	1302080005	58592	6041
1302100011	1302080006	61279	6329
1302100011	1302080007	62593	6511
1302100011	1302080008	65142	6870
1302100011	1302080009	67353	6671
1302100011	1302031010	139985	13656
1302100011	1302070009	90383	9252
1302100011	1302070008	84167	8260
1302100011	1302070007	83300	8129
1302100011	1302070006	78897	7675
1302100011	1302070005	80032	7756



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100011	1302060009	105260	10640
1302100011	1302070003	74296	7169
1302100011	1302070002	77877	7647
1302100011	1302050010	109028	10327
1302100011	1302100017	28465	3208
1302100011	1302060006	97140	9467
1302100011	1302101003	5146	838
1302100011	1302060008	100611	9818
1302100011	1302060007	93543	8985
1302100011	1302020011	175048	17260
1302100011	1302020010	178838	17556
1302100011	1302060004	103015	9936
1302100011	1302060005	101765	10043
1302100011	1302020015	173473	17044
1302100011	1302060003	100619	9638
1302100011	1302020017	165652	16246
1302100011	1302020016	171381	16777
1302100011	1302090001	38540	4068
1302100011	1302090003	41046	4397
1302100011	1302090002	40966	4299
1302100011	1302090005	39639	4128
1302100011	1302090004	44021	4723
1302100011	1302090007	41481	4359
1302100011	1302090006	34316	3657
1302100011	1302090009	43522	4676
1302100011	1302060002	100895	9859
1302100011	1302070010	96112	10169
1302100011	1302040008	135209	13045
1302100011	1302040009	131703	12749
1302100011	1302070011	76412	7335
1302100011	1302040004	125988	12182
1302100011	1302040005	126483	12295
1302100011	1302040006	125060	12108
1302100011	1302040007	121849	11682
1302100011	1302100013	18320	2018
1302100011	1302040001	129742	12461

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100011	1302040002	124437	11940
1302100011	1302040003	126807	12314
1302100011	1302021010	179899	17691
1302100011	1302050009	106860	10174
1302100011	1302050008	110549	10538
1302100011	1302100009	23945	2688
1302100011	1302100008	26749	2903
1302100011	1302050005	111345	10616
1302100011	1302050004	118000	11316
1302100011	1302050007	114929	11057
1302100011	1302050006	117357	11320
1302100011	1302050001	118446	11373
1302100011	1302100002	19130	2098
1302100011	1302050003	116146	11035
1302100011	1302050002	113301	10810
1302100011	1302110008	63757	6046
1302100011	1302110009	62930	6144
1302100011	1302110006	52732	5167
1302100011	1302110007	81443	9596
1302100011	1302100014	3311	541
1302100011	1302110005	42947	4378
1302100011	1302110002	39038	4086
1302100011	1302110003	38128	3976
1302100011	1302110001	34600	3636
1302100011	1302031009	139149	13552
1302100011	1302040013	131318	12673
1302100011	1302040012	136668	13412
1302100011	1302040011	136283	13199
1302100011	1302040010	131751	12762
1302100011	1302040016	125246	11907
1302100011	1302040015	130851	12831
1302100011	1302040014	135025	13149
1302100011	1302100015	28168	3215
1302100011	1302012010	202769	19939
1302030010	1302100012	141034	13599
1302030010	1302101001	146728	14213

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030010	1302101002	151366	14609
1302030010	1302070004	80156	8126
1302030010	1302031008	20503	2581
1302030010	1302030012	4712	624
1302030010	1302101006	162537	16132
1302030010	1302031004	7338	935
1302030010	1302031005	16727	1951
1302030010	1302031006	14471	1762
1302030010	1302031007	23590	2770
1302030010	1302031001	11609	1435
1302030010	1302031002	20463	2336
1302030010	1302031003	10534	1343
1302030010	1302020009	36874	3924
1302030010	1302060001	60542	6202
1302030010	1302070001	75082	7572
1302030010	1302101004	160263	15757
1302030010	1302020003	34780	3751
1302030010	1302020001	38274	4032
1302030010	1302020006	29166	3067
1302030010	1302020005	34056	3633
1302030010	1302090012	129717	12518
1302030010	1302090013	130057	12696
1302030010	1302090010	133648	13134
1302030010	1302090011	135200	13370
1302030010	1302090016	131574	12888
1302030010	1302090017	131574	12888
1302030010	1302090014	130389	12702
1302030010	1302090015	131054	12777
1302030010	1302090018	131574	12888
1302030010	1302090019	128870	12738
1302030010	1302080001	101485	9804
1302030010	1302080002	106565	10470
1302030010	1302080003	92923	9108
1302030010	1302080004	96784	9392
1302030010	1302080005	102639	9948
1302030010	1302080006	105587	10357

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030010	1302080007	106901	10539
1302030010	1302080008	109450	10898
1302030010	1302080009	93530	9300
1302030010	1302031010	19212	2221
1302030010	1302070009	92345	9813
1302030010	1302070008	86129	8822
1302030010	1302070007	85262	8690
1302030010	1302070006	83072	8459
1302030010	1302070005	81995	8318
1302030010	1302060009	68258	7467
1302030010	1302070003	85063	8459
1302030010	1302070002	83270	8450
1302030010	1302050010	56023	5978
1302030010	1302100017	130887	12567
1302030010	1302060006	63799	6671
1302030010	1302101003	155547	15001
1302030010	1302060008	72132	7487
1302030010	1302060007	65879	6719
1302030010	1302020011	35404	3806
1302030010	1302020010	39194	4102
1302030010	1302060004	62239	6553
1302030010	1302060005	64140	6792
1302030010	1302020015	33829	3590
1302030010	1302060003	58741	6020
1302030010	1302020017	26008	2792
1302030010	1302020016	31737	3323
1302030010	1302090001	121702	11699
1302030010	1302090003	130121	12672
1302030010	1302090002	118715	11380
1302030010	1302090005	121099	11715
1302030010	1302090004	125880	12260
1302030010	1302090007	119096	11440
1302030010	1302090006	125755	12103
1302030010	1302090009	132597	12951
1302030010	1302060002	72415	7528
1302030010	1302070010	98074	10731

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030010	1302040008	29804	3171
1302030010	1302040009	29946	3262
1302030010	1302070011	82947	8295
1302030010	1302040004	35286	4094
1302030010	1302040005	41702	4794
1302030010	1302040006	40279	4607
1302030010	1302040007	36598	4094
1302030010	1302100013	141034	13599
1302030010	1302040001	29617	3281
1302030010	1302040002	34011	3839
1302030010	1302040003	36105	4226
1302030010	1302021010	40255	4237
1302030010	1302050009	52643	5533
1302030010	1302050008	50239	5478
1302030010	1302100009	136348	13156
1302030010	1302100008	133271	12828
1302030010	1302050005	47102	5107
1302030010	1302050004	42413	4674
1302030010	1302050007	47921	5408
1302030010	1302050006	46172	5185
1302030010	1302050001	40001	4403
1302030010	1302100002	140224	13518
1302030010	1302050003	43237	4659
1302030010	1302050002	47381	5268
1302030010	1302110008	166133	15404
1302030010	1302110009	165306	15502
1302030010	1302110006	155108	14525
1302030010	1302110007	183819	18954
1302030010	1302100014	160974	15876
1302030010	1302110005	145324	13736
1302030010	1302110002	141415	13444
1302030010	1302110003	140505	13334
1302030010	1302110001	136976	12994
1302030010	1302031009	20030	2322
1302030010	1302040013	29172	3243
1302030010	1302040012	31794	3620

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030010	1302040011	23076	2543
1302030010	1302040010	27952	3035
1302030010	1302040016	36002	3969
1302030010	1302040015	34479	4113
1302030010	1302040014	30151	3357
1302030010	1302100015	128228	12497
1302030010	1302012010	63125	6485
1302100012	1302101001	5694	614
1302100012	1302101002	10333	1010
1302100012	1302070004	72604	6754
1302100012	1302031008	130115	12704
1302100012	1302030012	136327	13201
1302100012	1302101006	21504	2532
1302100012	1302031004	141259	13782
1302100012	1302031005	124150	11908
1302100012	1302031006	129341	12448
1302100012	1302031007	128868	12464
1302100012	1302031001	129430	12376
1302100012	1302031002	125741	12031
1302100012	1302031003	145185	14304
1302100012	1302020009	158198	15360
1302100012	1302060001	80497	7438
1302100012	1302070001	65957	6022
1302100012	1302101004	19230	2158
1302100012	1302020003	156104	15188
1302100012	1302020001	159598	15468
1302100012	1302020006	150490	14504
1302100012	1302020005	155380	15069
1302100012	1302090012	20022	2065
1302100012	1302090013	22662	2403
1302100012	1302090010	13581	1558
1302100012	1302090011	15133	1794
1302100012	1302090016	24179	2595
1302100012	1302090017	24179	2595
1302100012	1302090014	22994	2410
1302100012	1302090015	23659	2485

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100012	1302090018	24179	2595
1302100012	1302090019	28691	3184
1302100012	1302080001	39627	3839
1302100012	1302080002	43937	4424
1302100012	1302080003	48116	4494
1302100012	1302080004	44255	4207
1302100012	1302080005	40272	4024
1302100012	1302080006	42959	4312
1302100012	1302080007	44273	4493
1302100012	1302080008	46822	4852
1302100012	1302080009	49033	4653
1302100012	1302031010	121665	11638
1302100012	1302070009	72062	7234
1302100012	1302070008	65846	6243
1302100012	1302070007	64980	6111
1302100012	1302070006	60576	5658
1302100012	1302070005	61712	5739
1302100012	1302060009	86940	8623
1302100012	1302070003	55976	5151
1302100012	1302070002	59556	5629
1302100012	1302050010	90708	8309
1302100012	1302100017	10144	1191
1302100012	1302060006	78820	7449
1302100012	1302101003	14514	1402
1302100012	1302060008	82291	7800
1302100012	1302060007	75223	6967
1302100012	1302020011	156728	15242
1302100012	1302020010	160518	15539
1302100012	1302060004	84695	7919
1302100012	1302060005	83444	8025
1302100012	1302020015	155153	15027
1302100012	1302060003	82298	7620
1302100012	1302020017	147331	14228
1302100012	1302020016	153061	14759
1302100012	1302090001	20220	2051
1302100012	1302090003	22726	2380

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100012	1302090002	22646	2282
1302100012	1302090005	21319	2110
1302100012	1302090004	25700	2706
1302100012	1302090007	23161	2341
1302100012	1302090006	15996	1639
1302100012	1302090009	25201	2658
1302100012	1302060002	82575	7841
1302100012	1302070010	77791	8152
1302100012	1302040008	116889	11028
1302100012	1302040009	113383	10732
1302100012	1302070011	58092	5317
1302100012	1302040004	107668	10182
1302100012	1302040005	108162	10295
1302100012	1302040006	106740	10108
1302100012	1302040007	103529	9681
1302100012	1302100013	0	0
1302100012	1302040001	111422	10444
1302100012	1302040002	106116	9940
1302100012	1302040003	108487	10314
1302100012	1302021010	161579	15673
1302100012	1302050009	88540	8157
1302100012	1302050008	92229	8521
1302100012	1302100009	5625	671
1302100012	1302100008	8429	885
1302100012	1302050005	93025	8598
1302100012	1302050004	99949	9412
1302100012	1302050007	96609	9039
1302100012	1302050006	99037	9302
1302100012	1302050001	100126	9373
1302100012	1302100002	809	81
1302100012	1302050003	97826	9017
1302100012	1302050002	94981	8792
1302100012	1302110008	45436	4028
1302100012	1302110009	44610	4127
1302100012	1302110006	34411	3150
1302100012	1302110007	63122	7579



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100012	1302100014	19940	2276
1302100012	1302110005	24627	2361
1302100012	1302110002	20718	2069
1302100012	1302110003	19808	1959
1302100012	1302110001	16279	1618
1302100012	1302031009	120829	11534
1302100012	1302040013	112997	10656
1302100012	1302040012	118348	11395
1302100012	1302040011	117963	11182
1302100012	1302040010	113431	10744
1302100012	1302040016	106926	9890
1302100012	1302040015	112531	10831
1302100012	1302040014	116705	11132
1302100012	1302100015	9848	1198
1302100012	1302012010	184449	17922
1302101001	1302101002	4857	458
1302101001	1302070004	78299	7361
1302101001	1302031008	135809	13312
1302101001	1302030012	142021	13809
1302101001	1302101006	16028	1980
1302101001	1302031004	146953	14389
1302101001	1302031005	129844	12515
1302101001	1302031006	135035	13056
1302101001	1302031007	134562	13072
1302101001	1302031001	135125	12983
1302101001	1302031002	131435	12638
1302101001	1302031003	150879	14912
1302101001	1302020009	163892	15968
1302101001	1302060001	86192	8046
1302101001	1302070001	71652	6630
1302101001	1302101004	13754	1606
1302101001	1302020003	161798	15795
1302101001	1302020001	165292	16076
1302101001	1302020006	156184	15111
1302101001	1302020005	161075	15677
1302101001	1302090012	25717	2673

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101001	1302090013	28356	3011
1302101001	1302090010	19275	2165
1302101001	1302090011	20827	2401
1302101001	1302090016	29873	3203
1302101001	1302090017	29873	3203
1302101001	1302090014	28688	3018
1302101001	1302090015	29353	3092
1302101001	1302090018	29873	3203
1302101001	1302090019	34385	3792
1302101001	1302080001	45321	4447
1302101001	1302080002	49631	5032
1302101001	1302080003	53811	5102
1302101001	1302080004	49950	4814
1302101001	1302080005	45966	4631
1302101001	1302080006	48653	4919
1302101001	1302080007	49967	5101
1302101001	1302080008	52517	5460
1302101001	1302080009	54728	5261
1302101001	1302031010	127360	12246
1302101001	1302070009	77757	7842
1302101001	1302070008	71541	6851
1302101001	1302070007	70674	6719
1302101001	1302070006	66271	6266
1302101001	1302070005	67406	6347
1302101001	1302060009	92635	9230
1302101001	1302070003	61670	5759
1302101001	1302070002	65251	6237
1302101001	1302050010	96402	8917
1302101001	1302100017	15839	1799
1302101001	1302060006	84514	8057
1302101001	1302101003	9038	850
1302101001	1302060008	87985	8408
1302101001	1302060007	80917	7575
1302101001	1302020011	162422	15850
1302101001	1302020010	166212	16146
1302101001	1302060004	90389	8526

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101001	1302060005	89139	8633
1302101001	1302020015	160847	15634
1302101001	1302060003	87993	8228
1302101001	1302020017	153026	14836
1302101001	1302020016	158756	15367
1302101001	1302090001	25914	2658
1302101001	1302090003	28420	2987
1302101001	1302090002	28340	2890
1302101001	1302090005	27013	2718
1302101001	1302090004	31395	3313
1302101001	1302090007	28855	2949
1302101001	1302090006	21690	2247
1302101001	1302090009	30896	3266
1302101001	1302060002	88269	8449
1302101001	1302070010	83486	8760
1302101001	1302040008	122583	11636
1302101001	1302040009	119077	11339
1302101001	1302070011	63786	5925
1302101001	1302040004	113362	10789
1302101001	1302040005	113857	10903
1302101001	1302040006	112434	10715
1302101001	1302040007	109223	10289
1302101001	1302100013	5694	608
1302101001	1302040001	117116	11051
1302101001	1302040002	111811	10548
1302101001	1302040003	114182	10922
1302101001	1302021010	167273	16281
1302101001	1302050009	94234	8765
1302101001	1302050008	97923	9128
1302101001	1302100009	11319	1278
1302101001	1302100008	14123	1493
1302101001	1302050005	98719	9206
1302101001	1302050004	105643	10020
1302101001	1302050007	102303	9647
1302101001	1302050006	104731	9910
1302101001	1302050001	105820	9980

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101001	1302100002	6504	689
1302101001	1302050003	103520	9625
1302101001	1302050002	100675	9400
1302101001	1302110008	51131	4636
1302101001	1302110009	50304	4734
1302101001	1302110006	40106	3758
1302101001	1302110007	68817	8186
1302101001	1302100014	14464	1724
1302101001	1302110005	30321	2968
1302101001	1302110002	26412	2676
1302101001	1302110003	25502	2566
1302101001	1302110001	21974	2226
1302101001	1302031009	126523	12142
1302101001	1302040013	118692	11264
1302101001	1302040012	124042	12002
1302101001	1302040011	123657	11789
1302101001	1302040010	119125	11352
1302101001	1302040016	112620	10497
1302101001	1302040015	118225	11439
1302101001	1302040014	122399	11740
1302101001	1302100015	15542	1806
1302101001	1302012010	190144	18529
1302101002	1302070004	82937	7764
1302101002	1302031008	140448	13714
1302101002	1302030012	146659	14211
1302101002	1302101006	11171	1523
1302101002	1302031004	151591	14792
1302101002	1302031005	134483	12918
1302101002	1302031006	139674	13458
1302101002	1302031007	139201	13474
1302101002	1302031001	139763	13386
1302101002	1302031002	136074	13041
1302101002	1302031003	155518	15314
1302101002	1302020009	168530	16370
1302101002	1302060001	90830	8448
1302101002	1302070001	76290	7032

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101002	1302101004	8897	1149
1302101002	1302020003	166437	16198
1302101002	1302020001	169930	16478
1302101002	1302020006	160823	15514
1302101002	1302020005	165713	16079
1302101002	1302090012	30355	3075
1302101002	1302090013	32994	3413
1302101002	1302090010	23914	2568
1302101002	1302090011	25465	2804
1302101002	1302090016	34512	3605
1302101002	1302090017	34512	3605
1302101002	1302090014	33327	3420
1302101002	1302090015	33992	3495
1302101002	1302090018	34512	3605
1302101002	1302090019	39023	4194
1302101002	1302080001	49960	4849
1302101002	1302080002	54270	5434
1302101002	1302080003	58449	5504
1302101002	1302080004	54588	5217
1302101002	1302080005	50604	5034
1302101002	1302080006	53292	5322
1302101002	1302080007	54605	5503
1302101002	1302080008	57155	5862
1302101002	1302080009	59366	5663
1302101002	1302031010	131998	12648
1302101002	1302070009	82395	8244
1302101002	1302070008	76179	7253
1302101002	1302070007	75312	7121
1302101002	1302070006	70909	6668
1302101002	1302070005	72045	6749
1302101002	1302060009	97273	9633
1302101002	1302070003	66308	6161
1302101002	1302070002	69889	6639
1302101002	1302050010	101040	9319
1302101002	1302100017	20477	2201
1302101002	1302060006	89153	8459

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101002	1302101003	4181	392
1302101002	1302060008	92624	8810
1302101002	1302060007	85555	7977
1302101002	1302020011	167061	16252
1302101002	1302020010	170851	16549
1302101002	1302060004	95028	8929
1302101002	1302060005	93777	9035
1302101002	1302020015	165485	16037
1302101002	1302060003	92631	8630
1302101002	1302020017	157664	15238
1302101002	1302020016	163394	15769
1302101002	1302090001	30553	3061
1302101002	1302090003	33058	3390
1302101002	1302090002	32978	3292
1302101002	1302090005	31652	3120
1302101002	1302090004	36033	3716
1302101002	1302090007	33494	3351
1302101002	1302090006	26328	2649
1302101002	1302090009	35534	3668
1302101002	1302060002	92908	8851
1302101002	1302070010	88124	9162
1302101002	1302040008	127222	12038
1302101002	1302040009	123715	11741
1302101002	1302070011	68424	6327
1302101002	1302040004	118001	11192
1302101002	1302040005	118495	11305
1302101002	1302040006	117072	11118
1302101002	1302040007	113861	10691
1302101002	1302100013	10333	1010
1302101002	1302040001	121754	11454
1302101002	1302040002	116449	10950
1302101002	1302040003	118820	11324
1302101002	1302021010	171911	16683
1302101002	1302050009	98873	9167
1302101002	1302050008	102562	9530
1302101002	1302100009	15957	1681

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101002	1302100008	18762	1895
1302101002	1302050005	103358	9608
1302101002	1302050004	110282	10422
1302101002	1302050007	106942	10049
1302101002	1302050006	109369	10312
1302101002	1302050001	110458	10383
1302101002	1302100002	11142	1091
1302101002	1302050003	108158	10027
1302101002	1302050002	105314	9802
1302101002	1302110008	55769	5038
1302101002	1302110009	54942	5137
1302101002	1302110006	44744	4160
1302101002	1302110007	73455	8589
1302101002	1302100014	9607	1267
1302101002	1302110005	34960	3371
1302101002	1302110002	31051	3079
1302101002	1302110003	30141	2969
1302101002	1302110001	26612	2628
1302101002	1302031009	131162	12544
1302101002	1302040013	123330	11666
1302101002	1302040012	128680	12405
1302101002	1302040011	128296	12192
1302101002	1302040010	123763	11754
1302101002	1302040016	117259	10900
1302101002	1302040015	122863	11841
1302101002	1302040014	127037	12142
1302101002	1302100015	20181	2208
1302101002	1302012010	194782	18932
1302070004	1302031008	69231	7222
1302070004	1302030012	75443	7719
1302070004	1302101006	94102	9361
1302070004	1302031004	80375	8299
1302070004	1302031005	63266	6425
1302070004	1302031006	68458	6966
1302070004	1302031007	67984	6982
1302070004	1302031001	68547	6893

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070004	1302031002	64857	6549
1302070004	1302031003	84301	8822
1302070004	1302020009	97314	9878
1302070004	1302060001	19614	1956
1302070004	1302070001	6647	802
1302070004	1302101004	91828	8987
1302070004	1302020003	95220	9706
1302070004	1302020001	98714	9986
1302070004	1302020006	89606	9022
1302070004	1302020005	94497	9587
1302070004	1302090012	61282	5748
1302070004	1302090013	61622	5926
1302070004	1302090010	65213	6364
1302070004	1302090011	66765	6600
1302070004	1302090016	63139	6118
1302070004	1302090017	63139	6118
1302070004	1302090014	61954	5932
1302070004	1302090015	62619	6007
1302070004	1302090018	63139	6118
1302070004	1302090019	60435	5968
1302070004	1302080001	33050	3034
1302070004	1302080002	38130	3700
1302070004	1302080003	24488	2338
1302070004	1302080004	28349	2622
1302070004	1302080005	34204	3178
1302070004	1302080006	37152	3587
1302070004	1302080007	38466	3769
1302070004	1302080008	41015	4128
1302070004	1302080009	25095	2530
1302070004	1302031010	60782	6156
1302070004	1302070009	15933	2214
1302070004	1302070008	9717	1223
1302070004	1302070007	8719	1061
1302070004	1302070006	14637	1689
1302070004	1302070005	12019	1499
1302070004	1302060009	26057	3140



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070004	1302070003	16628	1688
1302070004	1302070002	14835	1680
1302070004	1302050010	29824	2827
1302070004	1302100017	62452	5797
1302070004	1302060006	17936	1967
1302070004	1302101003	87112	8231
1302070004	1302060008	21408	2318
1302070004	1302060007	14339	1485
1302070004	1302020011	95844	9760
1302070004	1302020010	99634	10057
1302070004	1302060004	23811	2437
1302070004	1302060005	22561	2543
1302070004	1302020015	94269	9545
1302070004	1302060003	21415	2138
1302070004	1302020017	86448	8746
1302070004	1302020016	92178	9277
1302070004	1302090001	53267	4928
1302070004	1302090003	61686	5902
1302070004	1302090002	50280	4610
1302070004	1302090005	52664	4945
1302070004	1302090004	57445	5490
1302070004	1302090007	50661	4670
1302070004	1302090006	57320	5333
1302070004	1302090009	64162	6180
1302070004	1302060002	21691	2359
1302070004	1302070010	21662	3132
1302070004	1302040008	56006	5546
1302070004	1302040009	52499	5249
1302070004	1302070011	14512	1525
1302070004	1302040004	46784	4700
1302070004	1302040005	47279	4813
1302070004	1302040006	45856	4625
1302070004	1302040007	42645	4199
1302070004	1302100013	72599	6829
1302070004	1302040001	50538	4962
1302070004	1302040002	45233	4458

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070004	1302040003	47604	4832
1302070004	1302021010	100695	10191
1302070004	1302050009	27656	2675
1302070004	1302050008	31346	3038
1302070004	1302100009	67913	6386
1302070004	1302100008	64836	6058
1302070004	1302050005	32142	3116
1302070004	1302050004	39066	3930
1302070004	1302050007	35725	3557
1302070004	1302050006	38153	3820
1302070004	1302050001	39242	3891
1302070004	1302100002	71789	6748
1302070004	1302050003	36942	3535
1302070004	1302050002	34097	3310
1302070004	1302110008	97698	8634
1302070004	1302110009	96871	8732
1302070004	1302110006	86673	7755
1302070004	1302110007	115384	12184
1302070004	1302100014	92539	9106
1302070004	1302110005	76889	6966
1302070004	1302110002	72980	6674
1302070004	1302110003	72070	6564
1302070004	1302110001	68541	6224
1302070004	1302031009	59945	6052
1302070004	1302040013	52114	5174
1302070004	1302040012	57464	5913
1302070004	1302040011	57079	5700
1302070004	1302040010	52547	5262
1302070004	1302040016	46042	4407
1302070004	1302040015	51647	5349
1302070004	1302040014	55821	5650
1302070004	1302100015	59793	5727
1302070004	1302012010	123566	12440
1302031008	1302030012	15791	2049
1302031008	1302101006	151613	15097
1302031008	1302031004	20723	2630

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031008	1302031005	5908	923
1302031008	1302031006	8805	1297
1302031008	1302031007	12772	1741
1302031008	1302031001	8894	1224
1302031008	1302031002	9645	1308
1302031008	1302031003	24649	3153
1302031008	1302020009	37661	4209
1302031008	1302060001	49618	5168
1302031008	1302070001	64158	6538
1302031008	1302101004	149339	14723
1302031008	1302020003	35568	4036
1302031008	1302020001	39062	4317
1302031008	1302020006	29954	3352
1302031008	1302020005	34844	3918
1302031008	1302090012	118793	11484
1302031008	1302090013	119133	11662
1302031008	1302090010	122724	12100
1302031008	1302090011	124276	12336
1302031008	1302090016	120650	11854
1302031008	1302090017	120650	11854
1302031008	1302090014	119465	11668
1302031008	1302090015	120130	11743
1302031008	1302090018	120650	11854
1302031008	1302090019	117946	11704
1302031008	1302080001	90561	8770
1302031008	1302080002	95641	9435
1302031008	1302080003	81999	8074
1302031008	1302080004	85860	8358
1302031008	1302080005	91715	8914
1302031008	1302080006	94663	9323
1302031008	1302080007	95977	9505
1302031008	1302080008	98526	9864
1302031008	1302080009	82605	8266
1302031008	1302031010	8393	1192
1302031008	1302070009	81421	8779
1302031008	1302070008	75205	7788

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031008	1302070007	74338	7656
1302031008	1302070006	72148	7425
1302031008	1302070005	71071	7284
1302031008	1302060009	57333	6433
1302031008	1302070003	74139	7424
1302031008	1302070002	72346	7416
1302031008	1302050010	45099	4944
1302031008	1302100017	119963	11533
1302031008	1302060006	52875	5636
1302031008	1302101003	144623	13967
1302031008	1302060008	61207	6453
1302031008	1302060007	54955	5685
1302031008	1302020011	36192	4091
1302031008	1302020010	39982	4387
1302031008	1302060004	51315	5519
1302031008	1302060005	53216	5758
1302031008	1302020015	34617	3875
1302031008	1302060003	47816	4986
1302031008	1302020017	26795	3077
1302031008	1302020016	32525	3608
1302031008	1302090001	110778	10664
1302031008	1302090003	119197	11638
1302031008	1302090002	107791	10346
1302031008	1302090005	110175	10681
1302031008	1302090004	114955	11226
1302031008	1302090007	108171	10406
1302031008	1302090006	114831	11069
1302031008	1302090009	121673	11916
1302031008	1302060002	61491	6494
1302031008	1302070010	87150	9697
1302031008	1302040008	18880	2137
1302031008	1302040009	19022	2228
1302031008	1302070011	72023	7261
1302031008	1302040004	24361	3059
1302031008	1302040005	30778	3760
1302031008	1302040006	29355	3573

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031008	1302040007	25674	3060
1302031008	1302100013	130109	12565
1302031008	1302040001	18693	2247
1302031008	1302040002	23086	2805
1302031008	1302040003	25181	3192
1302031008	1302021010	41042	4522
1302031008	1302050009	41719	4499
1302031008	1302050008	39315	4444
1302031008	1302100009	125424	12122
1302031008	1302100008	122347	11794
1302031008	1302050005	36178	4073
1302031008	1302050004	31489	3640
1302031008	1302050007	36997	4374
1302031008	1302050006	35247	4151
1302031008	1302050001	29077	3369
1302031008	1302100002	129300	12484
1302031008	1302050003	32313	3625
1302031008	1302050002	36457	4234
1302031008	1302110008	155209	14370
1302031008	1302110009	154382	14468
1302031008	1302110006	144184	13491
1302031008	1302110007	172895	17920
1302031008	1302100014	150049	14842
1302031008	1302110005	134400	12702
1302031008	1302110002	130491	12410
1302031008	1302110003	129581	12300
1302031008	1302110001	126052	11960
1302031008	1302031009	9211	1293
1302031008	1302040013	18248	2209
1302031008	1302040012	20870	2586
1302031008	1302040011	12152	1509
1302031008	1302040010	17027	2001
1302031008	1302040016	25078	2935
1302031008	1302040015	23554	3078
1302031008	1302040014	19227	2323
1302031008	1302100015	117303	11463

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031008	1302012010	63913	6770
1302030012	1302101006	157825	15507
1302030012	1302031004	4932	581
1302030012	1302031005	12015	1327
1302030012	1302031006	9759	1138
1302030012	1302031007	18878	2146
1302030012	1302031001	6897	810
1302030012	1302031002	15751	1712
1302030012	1302031003	8858	1103
1302030012	1302020009	32161	3300
1302030012	1302060001	55829	5577
1302030012	1302070001	70369	6948
1302030012	1302101004	155551	15133
1302030012	1302020003	30068	3127
1302030012	1302020001	33561	3407
1302030012	1302020006	24454	2443
1302030012	1302020005	29344	3008
1302030012	1302090012	125004	11894
1302030012	1302090013	125345	12071
1302030012	1302090010	128936	12510
1302030012	1302090011	130488	12746
1302030012	1302090016	126862	12263
1302030012	1302090017	126862	12263
1302030012	1302090014	125677	12078
1302030012	1302090015	126342	12153
1302030012	1302090018	126862	12263
1302030012	1302090019	124157	12114
1302030012	1302080001	96772	9179
1302030012	1302080002	101853	9845
1302030012	1302080003	88211	8484
1302030012	1302080004	92071	8768
1302030012	1302080005	97927	9323
1302030012	1302080006	100875	9733
1302030012	1302080007	102188	9915
1302030012	1302080008	104738	10274
1302030012	1302080009	88817	8676

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030012	1302031010	14499	1596
1302030012	1302070009	87633	9189
1302030012	1302070008	81417	8197
1302030012	1302070007	80550	8066
1302030012	1302070006	78359	7835
1302030012	1302070005	77282	7694
1302030012	1302060009	63545	6843
1302030012	1302070003	80351	7834
1302030012	1302070002	78558	7825
1302030012	1302050010	51311	5354
1302030012	1302100017	126175	11942
1302030012	1302060006	59086	6046
1302030012	1302101003	150835	14377
1302030012	1302060008	67419	6863
1302030012	1302060007	61166	6095
1302030012	1302020011	30692	3181
1302030012	1302020010	34482	3478
1302030012	1302060004	57527	5928
1302030012	1302060005	59427	6167
1302030012	1302020015	29116	2966
1302030012	1302060003	54028	5395
1302030012	1302020017	21295	2167
1302030012	1302020016	27025	2699
1302030012	1302090001	116990	11074
1302030012	1302090003	125409	12048
1302030012	1302090002	114003	10755
1302030012	1302090005	116387	11091
1302030012	1302090004	121167	11636
1302030012	1302090007	114383	10816
1302030012	1302090006	121042	11479
1302030012	1302090009	127884	12326
1302030012	1302060002	67703	6904
1302030012	1302070010	93362	10107
1302030012	1302040008	25092	2547
1302030012	1302040009	25233	2638
1302030012	1302070011	78235	7671

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030012	1302040004	30573	3469
1302030012	1302040005	36990	4170
1302030012	1302040006	35567	3982
1302030012	1302040007	31886	3470
1302030012	1302100013	136321	12975
1302030012	1302040001	24905	2657
1302030012	1302040002	29298	3215
1302030012	1302040003	31393	3602
1302030012	1302021010	35542	3613
1302030012	1302050009	47931	4909
1302030012	1302050008	45527	4854
1302030012	1302100009	131636	12532
1302030012	1302100008	128558	12204
1302030012	1302050005	42390	4483
1302030012	1302050004	37700	4050
1302030012	1302050007	43209	4784
1302030012	1302050006	41459	4561
1302030012	1302050001	35289	3779
1302030012	1302100002	135512	12894
1302030012	1302050003	38525	4035
1302030012	1302050002	42668	4644
1302030012	1302110008	161421	14779
1302030012	1302110009	160594	14878
1302030012	1302110006	150396	13901
1302030012	1302110007	179107	18330
1302030012	1302100014	156261	15251
1302030012	1302110005	140611	13112
1302030012	1302110002	136702	12820
1302030012	1302110003	135792	12710
1302030012	1302110001	132264	12369
1302030012	1302031009	15317	1698
1302030012	1302040013	24460	2619
1302030012	1302040012	27081	2996
1302030012	1302040011	18364	1919
1302030012	1302040010	23239	2410
1302030012	1302040016	31290	3345



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302030012	1302040015	29766	3488
1302030012	1302040014	25438	2733
1302030012	1302100015	123515	11873
1302030012	1302012010	58413	5861
1302101006	1302031004	162762	16316
1302101006	1302031005	145654	14442
1302101006	1302031006	150845	14983
1302101006	1302031007	150372	14999
1302101006	1302031001	150934	14910
1302101006	1302031002	147245	14566
1302101006	1302031003	166689	16839
1302101006	1302020009	179701	17895
1302101006	1302060001	102001	9973
1302101006	1302070001	87461	8557
1302101006	1302101004	3399	551
1302101006	1302020003	177608	17723
1302101006	1302020001	181101	18003
1302101006	1302020006	171994	17039
1302101006	1302020005	176884	17604
1302101006	1302090012	41526	4600
1302101006	1302090013	44165	4938
1302101006	1302090010	35085	4093
1302101006	1302090011	36636	4329
1302101006	1302090016	45683	5130
1302101006	1302090017	45683	5130
1302101006	1302090014	44498	4945
1302101006	1302090015	45163	5020
1302101006	1302090018	45683	5130
1302101006	1302090019	50194	5719
1302101006	1302080001	61131	6374
1302101006	1302080002	65441	6959
1302101006	1302080003	69620	7029
1302101006	1302080004	65759	6742
1302101006	1302080005	61775	6559
1302101006	1302080006	64463	6846
1302101006	1302080007	65776	7028

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101006	1302080008	68326	7387
1302101006	1302080009	70537	7188
1302101006	1302031010	143169	14173
1302101006	1302070009	93566	9769
1302101006	1302070008	87350	8778
1302101006	1302070007	86483	8646
1302101006	1302070006	82080	8193
1302101006	1302070005	83216	8274
1302101006	1302060009	108444	11157
1302101006	1302070003	77479	7686
1302101006	1302070002	81060	8164
1302101006	1302050010	112211	10844
1302101006	1302100017	31648	3726
1302101006	1302060006	100324	9984
1302101006	1302101003	6990	1126
1302101006	1302060008	103795	10335
1302101006	1302060007	96726	9502
1302101006	1302020011	178232	17777
1302101006	1302020010	182022	18074
1302101006	1302060004	106199	10454
1302101006	1302060005	104948	10560
1302101006	1302020015	176656	17561
1302101006	1302060003	103802	10155
1302101006	1302020017	168835	16763
1302101006	1302020016	174565	17294
1302101006	1302090001	41724	4586
1302101006	1302090003	44229	4915
1302101006	1302090002	44149	4817
1302101006	1302090005	42823	4645
1302101006	1302090004	47204	5241
1302101006	1302090007	44665	4876
1302101006	1302090006	37499	4174
1302101006	1302090009	46705	5193
1302101006	1302060002	104079	10376
1302101006	1302070010	99295	10687
1302101006	1302040008	138393	13563

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101006	1302040009	134886	13266
1302101006	1302070011	79595	7852
1302101006	1302040004	129172	12717
1302101006	1302040005	129666	12830
1302101006	1302040006	128243	12642
1302101006	1302040007	125032	12216
1302101006	1302100013	21504	2535
1302101006	1302040001	132925	12979
1302101006	1302040002	127620	12475
1302101006	1302040003	129991	12849
1302101006	1302021010	183082	18208
1302101006	1302050009	110044	10692
1302101006	1302050008	113733	11055
1302101006	1302100009	27128	3206
1302101006	1302100008	29933	3420
1302101006	1302050005	114529	11133
1302101006	1302050004	121453	11947
1302101006	1302050007	118113	11574
1302101006	1302050006	120540	11837
1302101006	1302050001	121629	11908
1302101006	1302100002	22313	2616
1302101006	1302050003	119329	11552
1302101006	1302050002	116485	11327
1302101006	1302110008	66940	6563
1302101006	1302110009	66113	6662
1302101006	1302110006	55915	5685
1302101006	1302110007	84626	10114
1302101006	1302100014	7619	1238
1302101006	1302110005	46131	4895
1302101006	1302110002	42222	4603
1302101006	1302110003	41312	4493
1302101006	1302110001	37783	4153
1302101006	1302031009	142333	14069
1302101006	1302040013	134501	13191
1302101006	1302040012	139851	13930
1302101006	1302040011	139467	13717

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101006	1302040010	134934	13279
1302101006	1302040016	128430	12424
1302101006	1302040015	134034	13366
1302101006	1302040014	138208	13667
1302101006	1302100015	31352	3733
1302101006	1302012010	205953	20457
1302031004	1302031005	16947	1908
1302031004	1302031006	14691	1718
1302031004	1302031007	23810	2726
1302031004	1302031001	11828	1391
1302031004	1302031002	20683	2293
1302031004	1302031003	11484	1418
1302031004	1302020009	37093	3880
1302031004	1302060001	60761	6158
1302031004	1302070001	75301	7529
1302031004	1302101004	160483	15714
1302031004	1302020003	35000	3708
1302031004	1302020001	38493	3988
1302031004	1302020006	29385	3024
1302031004	1302020005	34276	3589
1302031004	1302090012	129936	12475
1302031004	1302090013	130277	12652
1302031004	1302090010	133868	13090
1302031004	1302090011	135420	13326
1302031004	1302090016	131794	12844
1302031004	1302090017	131794	12844
1302031004	1302090014	130609	12659
1302031004	1302090015	131274	12734
1302031004	1302090018	131794	12844
1302031004	1302090019	129089	12695
1302031004	1302080001	101704	9760
1302031004	1302080002	106785	10426
1302031004	1302080003	93142	9065
1302031004	1302080004	97003	9349
1302031004	1302080005	102859	9904
1302031004	1302080006	105807	10314

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031004	1302080007	107120	10495
1302031004	1302080008	109670	10855
1302031004	1302080009	93749	9257
1302031004	1302031010	19431	2177
1302031004	1302070009	92565	9770
1302031004	1302070008	86349	8778
1302031004	1302070007	85482	8647
1302031004	1302070006	83291	8416
1302031004	1302070005	82214	8274
1302031004	1302060009	68477	7423
1302031004	1302070003	85283	8415
1302031004	1302070002	83490	8406
1302031004	1302050010	56243	5935
1302031004	1302100017	131107	12523
1302031004	1302060006	64018	6627
1302031004	1302101003	155767	14958
1302031004	1302060008	72351	7444
1302031004	1302060007	66098	6676
1302031004	1302020011	35624	3762
1302031004	1302020010	39414	4059
1302031004	1302060004	62458	6509
1302031004	1302060005	64359	6748
1302031004	1302020015	34048	3547
1302031004	1302060003	58960	5976
1302031004	1302020017	26227	2748
1302031004	1302020016	31957	3279
1302031004	1302090001	121922	11655
1302031004	1302090003	130340	12629
1302031004	1302090002	118935	11336
1302031004	1302090005	121319	11671
1302031004	1302090004	126099	12216
1302031004	1302090007	119315	11396
1302031004	1302090006	125974	12060
1302031004	1302090009	132816	12907
1302031004	1302060002	72635	7485
1302031004	1302070010	98294	10687

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031004	1302040008	30024	3128
1302031004	1302040009	30165	3219
1302031004	1302070011	83167	8251
1302031004	1302040004	35505	4050
1302031004	1302040005	41921	4751
1302031004	1302040006	40499	4563
1302031004	1302040007	36818	4051
1302031004	1302100013	141253	13556
1302031004	1302040001	29837	3237
1302031004	1302040002	34230	3796
1302031004	1302040003	36324	4182
1302031004	1302021010	40474	4193
1302031004	1302050009	52863	5489
1302031004	1302050008	50459	5435
1302031004	1302100009	136568	13112
1302031004	1302100008	133490	12785
1302031004	1302050005	47321	5064
1302031004	1302050004	42632	4630
1302031004	1302050007	48141	5365
1302031004	1302050006	46391	5142
1302031004	1302050001	40221	4359
1302031004	1302100002	140444	13475
1302031004	1302050003	43457	4616
1302031004	1302050002	47600	5225
1302031004	1302110008	166353	15360
1302031004	1302110009	165526	15459
1302031004	1302110006	155328	14482
1302031004	1302110007	184039	18911
1302031004	1302100014	161193	15832
1302031004	1302110005	145543	13693
1302031004	1302110002	141634	13401
1302031004	1302110003	140724	13291
1302031004	1302110001	137196	12950
1302031004	1302031009	20249	2279
1302031004	1302040013	29392	3200
1302031004	1302040012	32013	3576

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031004	1302040011	23296	2499
1302031004	1302040010	28171	2991
1302031004	1302040016	36222	3926
1302031004	1302040015	34698	4069
1302031004	1302040014	30370	3314
1302031004	1302100015	128447	12454
1302031004	1302012010	63345	6442
1302031005	1302031006	5093	651
1302031005	1302031007	6863	818
1302031005	1302031001	5183	578
1302031005	1302031002	3736	385
1302031005	1302031003	20937	2507
1302031005	1302020009	33950	3563
1302031005	1302060001	43652	4385
1302031005	1302070001	58193	5755
1302031005	1302101004	143374	13941
1302031005	1302020003	31856	3390
1302031005	1302020001	35350	3671
1302031005	1302020006	26242	2706
1302031005	1302020005	31133	3272
1302031005	1302090012	112828	10701
1302031005	1302090013	113168	10879
1302031005	1302090010	116759	11317
1302031005	1302090011	118311	11553
1302031005	1302090016	114685	11071
1302031005	1302090017	114685	11071
1302031005	1302090014	113500	10885
1302031005	1302090015	114165	10960
1302031005	1302090018	114685	11071
1302031005	1302090019	111981	10921
1302031005	1302080001	84596	7987
1302031005	1302080002	89676	8653
1302031005	1302080003	76034	7291
1302031005	1302080004	79894	7575
1302031005	1302080005	85750	8131
1302031005	1302080006	88698	8540

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031005	1302080007	90012	8722
1302031005	1302080008	92561	9081
1302031005	1302080009	76640	7483
1302031005	1302031010	2485	269
1302031005	1302070009	75456	7996
1302031005	1302070008	69240	7005
1302031005	1302070007	68373	6873
1302031005	1302070006	66183	6642
1302031005	1302070005	65106	6501
1302031005	1302060009	51368	5650
1302031005	1302070003	68174	6642
1302031005	1302070002	66381	6633
1302031005	1302050010	39134	4161
1302031005	1302100017	113998	10750
1302031005	1302060006	46910	4854
1302031005	1302101003	138658	13184
1302031005	1302060008	55242	5670
1302031005	1302060007	48990	4902
1302031005	1302020011	32480	3445
1302031005	1302020010	36270	3741
1302031005	1302060004	45350	4736
1302031005	1302060005	47251	4975
1302031005	1302020015	30905	3229
1302031005	1302060003	41851	4203
1302031005	1302020017	23084	2431
1302031005	1302020016	28814	2962
1302031005	1302090001	104813	9882
1302031005	1302090003	113232	10855
1302031005	1302090002	101826	9563
1302031005	1302090005	104210	9898
1302031005	1302090004	108990	10443
1302031005	1302090007	102206	9623
1302031005	1302090006	108866	10286
1302031005	1302090009	115708	11134
1302031005	1302060002	55526	5712
1302031005	1302070010	81185	8914



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031005	1302040008	12915	1354
1302031005	1302040009	13057	1445
1302031005	1302070011	66058	6478
1302031005	1302040004	18396	2277
1302031005	1302040005	24813	2977
1302031005	1302040006	23390	2790
1302031005	1302040007	19709	2278
1302031005	1302100013	124144	11782
1302031005	1302040001	12728	1464
1302031005	1302040002	17121	2022
1302031005	1302040003	19216	2409
1302031005	1302021010	37331	3876
1302031005	1302050009	35754	3716
1302031005	1302050008	33350	3662
1302031005	1302100009	119459	11339
1302031005	1302100008	116382	11011
1302031005	1302050005	30213	3290
1302031005	1302050004	25524	2857
1302031005	1302050007	31032	3591
1302031005	1302050006	29282	3368
1302031005	1302050001	23112	2586
1302031005	1302100002	123335	11701
1302031005	1302050003	26348	2842
1302031005	1302050002	30492	3451
1302031005	1302110008	149244	13587
1302031005	1302110009	148417	13685
1302031005	1302110006	138219	12708
1302031005	1302110007	166930	17137
1302031005	1302100014	144084	14059
1302031005	1302110005	128435	11919
1302031005	1302110002	124526	11627
1302031005	1302110003	123616	11517
1302031005	1302110001	120087	11177
1302031005	1302031009	3303	371
1302031005	1302040013	12283	1426
1302031005	1302040012	14905	1803

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031005	1302040011	6187	726
1302031005	1302040010	11062	1218
1302031005	1302040016	19113	2153
1302031005	1302040015	17589	2296
1302031005	1302040014	13262	1540
1302031005	1302100015	111338	10680
1302031005	1302012010	60202	6124
1302031006	1302031007	11892	1393
1302031006	1302031001	2862	398
1302031006	1302031002	8765	959
1302031006	1302031003	18617	2326
1302031006	1302020009	31630	3383
1302031006	1302060001	48844	4824
1302031006	1302070001	63384	6195
1302031006	1302101004	148565	14380
1302031006	1302020003	29536	3210
1302031006	1302020001	33030	3490
1302031006	1302020006	23922	2526
1302031006	1302020005	28812	3091
1302031006	1302090012	118019	11141
1302031006	1302090013	118359	11318
1302031006	1302090010	121950	11756
1302031006	1302090011	123502	11992
1302031006	1302090016	119876	11510
1302031006	1302090017	119876	11510
1302031006	1302090014	118691	11325
1302031006	1302090015	119356	11400
1302031006	1302090018	119876	11510
1302031006	1302090019	117172	11361
1302031006	1302080001	89787	8426
1302031006	1302080002	94867	9092
1302031006	1302080003	81225	7731
1302031006	1302080004	85086	8015
1302031006	1302080005	90941	8570
1302031006	1302080006	93889	8980
1302031006	1302080007	95203	9162

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031006	1302080008	97752	9521
1302031006	1302080009	81832	7923
1302031006	1302031010	7514	843
1302031006	1302070009	80647	8436
1302031006	1302070008	74431	7444
1302031006	1302070007	73564	7313
1302031006	1302070006	71374	7082
1302031006	1302070005	70297	6940
1302031006	1302060009	56560	6090
1302031006	1302070003	73365	7081
1302031006	1302070002	71572	7072
1302031006	1302050010	44325	4601
1302031006	1302100017	119189	11189
1302031006	1302060006	52101	5293
1302031006	1302101003	143849	13624
1302031006	1302060008	60434	6110
1302031006	1302060007	54181	5342
1302031006	1302020011	30160	3264
1302031006	1302020010	33950	3561
1302031006	1302060004	50541	5175
1302031006	1302060005	52442	5414
1302031006	1302020015	28585	3049
1302031006	1302060003	47043	4642
1302031006	1302020017	20764	2250
1302031006	1302020016	26493	2782
1302031006	1302090001	110004	10321
1302031006	1302090003	118423	11295
1302031006	1302090002	107017	10002
1302031006	1302090005	109401	10338
1302031006	1302090004	114182	10882
1302031006	1302090007	107398	10062
1302031006	1302090006	114057	10726
1302031006	1302090009	120899	11573
1302031006	1302060002	60717	6151
1302031006	1302070010	86376	9353
1302031006	1302040008	18106	1794

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031006	1302040009	18248	1885
1302031006	1302070011	71249	6917
1302031006	1302040004	23588	2716
1302031006	1302040005	30004	3417
1302031006	1302040006	28581	3229
1302031006	1302040007	24900	2717
1302031006	1302100013	129336	12222
1302031006	1302040001	17920	1904
1302031006	1302040002	22313	2462
1302031006	1302040003	24407	2849
1302031006	1302021010	35011	3696
1302031006	1302050009	40946	4156
1302031006	1302050008	38541	4101
1302031006	1302100009	124650	11779
1302031006	1302100008	121573	11451
1302031006	1302050005	35404	3730
1302031006	1302050004	30715	3297
1302031006	1302050007	36223	4031
1302031006	1302050006	34474	3808
1302031006	1302050001	28303	3026
1302031006	1302100002	128526	12141
1302031006	1302050003	31539	3282
1302031006	1302050002	35683	3891
1302031006	1302110008	154435	14026
1302031006	1302110009	153608	14125
1302031006	1302110006	143410	13148
1302031006	1302110007	172121	17577
1302031006	1302100014	149276	14498
1302031006	1302110005	133626	12359
1302031006	1302110002	129717	12067
1302031006	1302110003	128807	11957
1302031006	1302110001	125278	11616
1302031006	1302031009	8332	945
1302031006	1302040013	17474	1866
1302031006	1302040012	20096	2243
1302031006	1302040011	11378	1166

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031006	1302040010	16254	1657
1302031006	1302040016	24304	2592
1302031006	1302040015	22781	2735
1302031006	1302040014	18453	1980
1302031006	1302100015	116530	11120
1302031006	1302012010	57881	5944
1302031007	1302031001	12046	1382
1302031007	1302031002	3127	428
1302031007	1302031003	27801	3310
1302031007	1302020009	40813	4367
1302031007	1302060001	48370	5015
1302031007	1302070001	62911	6386
1302031007	1302101004	148092	14571
1302031007	1302020003	38720	4194
1302031007	1302020001	42213	4474
1302031007	1302020006	33106	3510
1302031007	1302020005	37996	4075
1302031007	1302090012	117546	11332
1302031007	1302090013	117886	11509
1302031007	1302090010	121477	11947
1302031007	1302090011	123029	12184
1302031007	1302090016	119403	11701
1302031007	1302090017	119403	11701
1302031007	1302090014	118218	11516
1302031007	1302090015	118883	11591
1302031007	1302090018	119403	11701
1302031007	1302090019	116698	11552
1302031007	1302080001	89313	8617
1302031007	1302080002	94394	9283
1302031007	1302080003	80752	7922
1302031007	1302080004	84612	8206
1302031007	1302080005	90468	8761
1302031007	1302080006	93416	9171
1302031007	1302080007	94730	9353
1302031007	1302080008	97279	9712
1302031007	1302080009	81358	8114

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031007	1302031010	7203	900
1302031007	1302070009	80174	8627
1302031007	1302070008	73958	7635
1302031007	1302070007	73091	7504
1302031007	1302070006	70900	7273
1302031007	1302070005	69824	7132
1302031007	1302060009	56086	6281
1302031007	1302070003	72892	7272
1302031007	1302070002	71099	7263
1302031007	1302050010	43852	4792
1302031007	1302100017	118716	11380
1302031007	1302060006	51627	5484
1302031007	1302101003	143376	13815
1302031007	1302060008	59960	6301
1302031007	1302060007	53708	5533
1302031007	1302020011	39344	4248
1302031007	1302020010	43134	4545
1302031007	1302060004	50068	5366
1302031007	1302060005	51969	5605
1302031007	1302020015	37769	4033
1302031007	1302060003	46569	4833
1302031007	1302020017	29947	3234
1302031007	1302020016	35677	3766
1302031007	1302090001	109531	10512
1302031007	1302090003	117950	11486
1302031007	1302090002	106544	10193
1302031007	1302090005	108928	10529
1302031007	1302090004	113708	11073
1302031007	1302090007	106924	10254
1302031007	1302090006	113584	10917
1302031007	1302090009	120425	11764
1302031007	1302060002	60244	6342
1302031007	1302070010	85903	9545
1302031007	1302040008	17633	1985
1302031007	1302040009	17775	2076
1302031007	1302070011	70776	7108

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031007	1302040004	23114	2907
1302031007	1302040005	29531	3608
1302031007	1302040006	28108	3420
1302031007	1302040007	24427	2908
1302031007	1302100013	128862	12413
1302031007	1302040001	17446	2095
1302031007	1302040002	21839	2653
1302031007	1302040003	23934	3040
1302031007	1302021010	44194	4680
1302031007	1302050009	40472	4347
1302031007	1302050008	38068	4292
1302031007	1302100009	124177	11970
1302031007	1302100008	121100	11642
1302031007	1302050005	34931	3921
1302031007	1302050004	30242	3488
1302031007	1302050007	35750	4222
1302031007	1302050006	34000	3999
1302031007	1302050001	27830	3217
1302031007	1302100002	128053	12332
1302031007	1302050003	31066	3473
1302031007	1302050002	35210	4082
1302031007	1302110008	153962	14217
1302031007	1302110009	153135	14316
1302031007	1302110006	142937	13339
1302031007	1302110007	171648	17768
1302031007	1302100014	148802	14689
1302031007	1302110005	133153	12550
1302031007	1302110002	129244	12258
1302031007	1302110003	128334	12148
1302031007	1302110001	124805	11807
1302031007	1302031009	8021	1001
1302031007	1302040013	17001	2057
1302031007	1302040012	19623	2434
1302031007	1302040011	10905	1357
1302031007	1302040010	15780	1848
1302031007	1302040016	23831	2783

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031007	1302040015	22307	2926
1302031007	1302040014	17980	2171
1302031007	1302100015	116056	11311
1302031007	1302012010	67065	6928
1302031001	1302031002	8855	902
1302031001	1302031003	15755	1929
1302031001	1302020009	28767	2985
1302031001	1302060001	48933	4767
1302031001	1302070001	63473	6138
1302031001	1302101004	148654	14323
1302031001	1302020003	26674	2812
1302031001	1302020001	30168	3092
1302031001	1302020006	21060	2128
1302031001	1302020005	25950	2694
1302031001	1302090012	118108	11083
1302031001	1302090013	118448	11261
1302031001	1302090010	122039	11699
1302031001	1302090011	123591	11935
1302031001	1302090016	119965	11453
1302031001	1302090017	119965	11453
1302031001	1302090014	118780	11267
1302031001	1302090015	119445	11342
1302031001	1302090018	119965	11453
1302031001	1302090019	117261	11304
1302031001	1302080001	89876	8369
1302031001	1302080002	94956	9035
1302031001	1302080003	81314	7674
1302031001	1302080004	85175	7958
1302031001	1302080005	91030	8513
1302031001	1302080006	93978	8922
1302031001	1302080007	95292	9104
1302031001	1302080008	97841	9463
1302031001	1302080009	81921	7865
1302031001	1302031010	7603	786
1302031001	1302070009	80736	8378
1302031001	1302070008	74520	7387



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031001	1302070007	73653	7256
1302031001	1302070006	71463	7024
1302031001	1302070005	70386	6883
1302031001	1302060009	56649	6032
1302031001	1302070003	73454	7024
1302031001	1302070002	71661	7015
1302031001	1302050010	44414	4544
1302031001	1302100017	119278	11132
1302031001	1302060006	52190	5236
1302031001	1302101003	143938	13567
1302031001	1302060008	60523	6053
1302031001	1302060007	54270	5285
1302031001	1302020011	27298	2867
1302031001	1302020010	31088	3163
1302031001	1302060004	50630	5118
1302031001	1302060005	52531	5357
1302031001	1302020015	25723	2651
1302031001	1302060003	47132	4585
1302031001	1302020017	17901	1852
1302031001	1302020016	23631	2384
1302031001	1302090001	110093	10264
1302031001	1302090003	118512	11237
1302031001	1302090002	107106	9945
1302031001	1302090005	109490	10280
1302031001	1302090004	114271	10825
1302031001	1302090007	107487	10005
1302031001	1302090006	114146	10669
1302031001	1302090009	120988	11516
1302031001	1302060002	60806	6094
1302031001	1302070010	86465	9296
1302031001	1302040008	18195	1737
1302031001	1302040009	18337	1827
1302031001	1302070011	71338	6860
1302031001	1302040004	23677	2659
1302031001	1302040005	30093	3359
1302031001	1302040006	28670	3172

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031001	1302040007	24989	2660
1302031001	1302100013	129425	12165
1302031001	1302040001	18009	1846
1302031001	1302040002	22402	2404
1302031001	1302040003	24496	2791
1302031001	1302021010	32148	3298
1302031001	1302050009	41035	4098
1302031001	1302050008	38630	4044
1302031001	1302100009	124739	11721
1302031001	1302100008	121662	11393
1302031001	1302050005	35493	3672
1302031001	1302050004	30804	3239
1302031001	1302050007	36312	3973
1302031001	1302050006	34563	3750
1302031001	1302050001	28392	2968
1302031001	1302100002	128615	12084
1302031001	1302050003	31628	3225
1302031001	1302050002	35772	3833
1302031001	1302110008	154524	13969
1302031001	1302110009	153697	14067
1302031001	1302110006	143499	13091
1302031001	1302110007	172210	17519
1302031001	1302100014	149365	14441
1302031001	1302110005	133715	12301
1302031001	1302110002	129806	12009
1302031001	1302110003	128896	11899
1302031001	1302110001	125367	11559
1302031001	1302031009	8421	887
1302031001	1302040013	17563	1808
1302031001	1302040012	20185	2185
1302031001	1302040011	11467	1108
1302031001	1302040010	16343	1600
1302031001	1302040016	24393	2535
1302031001	1302040015	22870	2678
1302031001	1302040014	18542	1922
1302031001	1302100015	116619	11062

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031001	1302012010	55019	5546
1302031002	1302031003	24674	2882
1302031002	1302020009	37686	3939
1302031002	1302060001	45243	4587
1302031002	1302070001	59784	5958
1302031002	1302101004	144965	14143
1302031002	1302020003	35593	3766
1302031002	1302020001	39086	4046
1302031002	1302020006	29979	3082
1302031002	1302020005	34869	3647
1302031002	1302090012	114419	10904
1302031002	1302090013	114759	11081
1302031002	1302090010	118350	11520
1302031002	1302090011	119902	11756
1302031002	1302090016	116276	11274
1302031002	1302090017	116276	11274
1302031002	1302090014	115091	11088
1302031002	1302090015	115756	11163
1302031002	1302090018	116276	11274
1302031002	1302090019	113571	11124
1302031002	1302080001	86186	8189
1302031002	1302080002	91267	8855
1302031002	1302080003	77625	7494
1302031002	1302080004	81485	7778
1302031002	1302080005	87341	8333
1302031002	1302080006	90289	8743
1302031002	1302080007	91603	8925
1302031002	1302080008	94152	9284
1302031002	1302080009	78231	7686
1302031002	1302031010	4076	472
1302031002	1302070009	77047	8199
1302031002	1302070008	70831	7207
1302031002	1302070007	69964	7076
1302031002	1302070006	67773	6845
1302031002	1302070005	66697	6704
1302031002	1302060009	52959	5853

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031002	1302070003	69765	6844
1302031002	1302070002	67972	6836
1302031002	1302050010	40725	4364
1302031002	1302100017	115589	10952
1302031002	1302060006	48500	5056
1302031002	1302101003	140249	13387
1302031002	1302060008	56833	5873
1302031002	1302060007	50581	5105
1302031002	1302020011	36217	3820
1302031002	1302020010	40007	4117
1302031002	1302060004	46941	4938
1302031002	1302060005	48842	5177
1302031002	1302020015	34642	3605
1302031002	1302060003	43442	4405
1302031002	1302020017	26820	2806
1302031002	1302020016	32550	3338
1302031002	1302090001	106404	10084
1302031002	1302090003	114823	11058
1302031002	1302090002	103417	9765
1302031002	1302090005	105801	10101
1302031002	1302090004	110581	10646
1302031002	1302090007	103797	9826
1302031002	1302090006	110457	10489
1302031002	1302090009	117299	11336
1302031002	1302060002	57117	5914
1302031002	1302070010	82776	9117
1302031002	1302040008	14506	1557
1302031002	1302040009	14648	1648
1302031002	1302070011	67649	6681
1302031002	1302040004	19987	2479
1302031002	1302040005	26404	3180
1302031002	1302040006	24981	2993
1302031002	1302040007	21300	2480
1302031002	1302100013	125735	11985
1302031002	1302040001	14319	1667
1302031002	1302040002	18712	2225

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031002	1302040003	20807	2612
1302031002	1302021010	41067	4252
1302031002	1302050009	37345	3919
1302031002	1302050008	34941	3864
1302031002	1302100009	121050	11542
1302031002	1302100008	117973	11214
1302031002	1302050005	31804	3493
1302031002	1302050004	27115	3060
1302031002	1302050007	32623	3794
1302031002	1302050006	30873	3571
1302031002	1302050001	24703	2789
1302031002	1302100002	124926	11904
1302031002	1302050003	27939	3045
1302031002	1302050002	32083	3654
1302031002	1302110008	150835	13790
1302031002	1302110009	150008	13888
1302031002	1302110006	139810	12911
1302031002	1302110007	168521	17340
1302031002	1302100014	145675	14261
1302031002	1302110005	130026	12122
1302031002	1302110002	126117	11830
1302031002	1302110003	125207	11720
1302031002	1302110001	121678	11379
1302031002	1302031009	4894	573
1302031002	1302040013	13874	1629
1302031002	1302040012	16496	2006
1302031002	1302040011	7778	929
1302031002	1302040010	12653	1421
1302031002	1302040016	20704	2355
1302031002	1302040015	19180	2498
1302031002	1302040014	14853	1743
1302031002	1302100015	112929	10883
1302031002	1302012010	63938	6500
1302031003	1302020009	41020	4410
1302031003	1302060001	64688	6688
1302031003	1302070001	79228	8058

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031003	1302101004	164409	16243
1302031003	1302020003	38926	4237
1302031003	1302020001	42420	4517
1302031003	1302020006	33312	3553
1302031003	1302020005	38202	4119
1302031003	1302090012	133863	13004
1302031003	1302090013	134203	13182
1302031003	1302090010	137794	13620
1302031003	1302090011	139346	13856
1302031003	1302090016	135720	13374
1302031003	1302090017	135720	13374
1302031003	1302090014	134535	13188
1302031003	1302090015	135200	13263
1302031003	1302090018	135720	13374
1302031003	1302090019	133016	13224
1302031003	1302080001	105631	10290
1302031003	1302080002	110711	10956
1302031003	1302080003	97069	9594
1302031003	1302080004	100930	9878
1302031003	1302080005	106785	10434
1302031003	1302080006	109733	10843
1302031003	1302080007	111047	11025
1302031003	1302080008	113596	11384
1302031003	1302080009	97675	9786
1302031003	1302031010	23358	2707
1302031003	1302070009	96491	10299
1302031003	1302070008	90275	9308
1302031003	1302070007	89408	9176
1302031003	1302070006	87218	8945
1302031003	1302070005	86141	8804
1302031003	1302060009	72403	7953
1302031003	1302070003	89209	8944
1302031003	1302070002	87416	8936
1302031003	1302050010	60169	6464
1302031003	1302100017	135033	13053
1302031003	1302060006	67945	7156

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031003	1302101003	159693	15487
1302031003	1302060008	76277	7973
1302031003	1302060007	70025	7205
1302031003	1302020011	39550	4292
1302031003	1302020010	43340	4588
1302031003	1302060004	66385	7039
1302031003	1302060005	68286	7278
1302031003	1302020015	37975	4076
1302031003	1302060003	62886	6506
1302031003	1302020017	30153	3277
1302031003	1302020016	35883	3809
1302031003	1302090001	125848	12184
1302031003	1302090003	134267	13158
1302031003	1302090002	122861	11866
1302031003	1302090005	125245	12201
1302031003	1302090004	130025	12746
1302031003	1302090007	123241	11926
1302031003	1302090006	129901	12589
1302031003	1302090009	136743	13436
1302031003	1302060002	76561	8014
1302031003	1302070010	102220	11217
1302031003	1302040008	33950	3657
1302031003	1302040009	34092	3748
1302031003	1302070011	87093	8781
1302031003	1302040004	39431	4580
1302031003	1302040005	45848	5280
1302031003	1302040006	44425	5093
1302031003	1302040007	40744	4580
1302031003	1302100013	145179	14085
1302031003	1302040001	33763	3767
1302031003	1302040002	38156	4325
1302031003	1302040003	40251	4712
1302031003	1302021010	44401	4723
1302031003	1302050009	56789	6019
1302031003	1302050008	54385	5964
1302031003	1302100009	140494	13642

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031003	1302100008	137417	13314
1302031003	1302050005	51248	5593
1302031003	1302050004	46559	5160
1302031003	1302050007	52067	5894
1302031003	1302050006	50317	5671
1302031003	1302050001	44147	4889
1302031003	1302100002	144370	14004
1302031003	1302050003	47383	5145
1302031003	1302050002	51527	5754
1302031003	1302110008	170279	15890
1302031003	1302110009	169452	15988
1302031003	1302110006	159254	15011
1302031003	1302110007	187965	19440
1302031003	1302100014	165119	16362
1302031003	1302110005	149470	14222
1302031003	1302110002	145561	13930
1302031003	1302110003	144651	13820
1302031003	1302110001	141122	13480
1302031003	1302031009	24176	2808
1302031003	1302040013	33318	3729
1302031003	1302040012	35940	4106
1302031003	1302040011	27222	3029
1302031003	1302040010	32097	3521
1302031003	1302040016	40148	4455
1302031003	1302040015	38624	4598
1302031003	1302040014	34297	3843
1302031003	1302100015	132373	12983
1302031003	1302012010	67271	6971
1302020009	1302060001	77700	7798
1302020009	1302070001	92240	9169
1302020009	1302101004	177422	17354
1302020009	1302020003	2534	343
1302020009	1302020001	1400	108
1302020009	1302020006	7708	903
1302020009	1302020005	2908	346
1302020009	1302090012	146875	14115



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020009	1302090013	147215	14292
1302020009	1302090010	150807	14730
1302020009	1302090011	152359	14966
1302020009	1302090016	148733	14484
1302020009	1302090017	148733	14484
1302020009	1302090014	147548	14299
1302020009	1302090015	148213	14374
1302020009	1302090018	148733	14484
1302020009	1302090019	146028	14335
1302020009	1302080001	118643	11400
1302020009	1302080002	123724	12066
1302020009	1302080003	110081	10705
1302020009	1302080004	113942	10989
1302020009	1302080005	119798	11544
1302020009	1302080006	122746	11954
1302020009	1302080007	124059	12135
1302020009	1302080008	126609	12495
1302020009	1302080009	110688	10897
1302020009	1302031010	36370	3817
1302020009	1302070009	109504	11410
1302020009	1302070008	103288	10418
1302020009	1302070007	102421	10287
1302020009	1302070006	100230	10056
1302020009	1302070005	99153	9914
1302020009	1302060009	85416	9064
1302020009	1302070003	102222	10055
1302020009	1302070002	100429	10046
1302020009	1302050010	73182	7575
1302020009	1302100017	148046	14163
1302020009	1302060006	80957	8267
1302020009	1302101003	172706	16598
1302020009	1302060008	89290	9084
1302020009	1302060007	83037	8316
1302020009	1302020011	1470	165
1302020009	1302020010	2320	178
1302020009	1302060004	79397	8149

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020009	1302060005	81298	8388
1302020009	1302020015	3045	343
1302020009	1302060003	75899	7616
1302020009	1302020017	10866	1179
1302020009	1302020016	5136	647
1302020009	1302090001	138861	13295
1302020009	1302090003	147279	14269
1302020009	1302090002	135874	12976
1302020009	1302090005	138258	13312
1302020009	1302090004	143038	13856
1302020009	1302090007	136254	13036
1302020009	1302090006	142913	13700
1302020009	1302090009	149755	14547
1302020009	1302060002	89574	9125
1302020009	1302070010	115233	12327
1302020009	1302040008	46963	4768
1302020009	1302040009	47104	4859
1302020009	1302070011	100106	9891
1302020009	1302040004	52444	5690
1302020009	1302040005	58860	6391
1302020009	1302040006	57438	6203
1302020009	1302040007	53757	5691
1302020009	1302100013	158192	15196
1302020009	1302040001	46776	4878
1302020009	1302040002	51169	5436
1302020009	1302040003	53263	5823
1302020009	1302021010	9131	962
1302020009	1302050009	69802	7129
1302020009	1302050008	67398	7075
1302020009	1302100009	153507	14753
1302020009	1302100008	150429	14425
1302020009	1302050005	64260	6704
1302020009	1302050004	59571	6271
1302020009	1302050007	65080	7005
1302020009	1302050006	63330	6782
1302020009	1302050001	57160	6000

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020009	1302100002	157383	15115
1302020009	1302050003	60396	6256
1302020009	1302050002	64539	6865
1302020009	1302110008	183292	17000
1302020009	1302110009	182465	17099
1302020009	1302110006	172267	16122
1302020009	1302110007	200978	20551
1302020009	1302100014	178132	17472
1302020009	1302110005	162482	15333
1302020009	1302110002	158573	15041
1302020009	1302110003	157663	14931
1302020009	1302110001	154135	14590
1302020009	1302031009	37188	3919
1302020009	1302040013	46331	4840
1302020009	1302040012	48952	5217
1302020009	1302040011	40235	4140
1302020009	1302040010	45110	4631
1302020009	1302040016	53161	5566
1302020009	1302040015	51637	5709
1302020009	1302040014	47309	4954
1302020009	1302100015	145386	14094
1302020009	1302012010	26252	2561
1302060001	1302070001	14540	1371
1302060001	1302101004	99722	9556
1302060001	1302020003	75607	7750
1302060001	1302020001	79100	8030
1302060001	1302020006	69992	7065
1302060001	1302020005	74883	7631
1302060001	1302090012	69175	6316
1302060001	1302090013	69515	6494
1302060001	1302090010	73107	6932
1302060001	1302090011	74658	7168
1302060001	1302090016	71032	6686
1302060001	1302090017	71032	6686
1302060001	1302090014	69848	6500
1302060001	1302090015	70513	6575

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060001	1302090018	71032	6686
1302060001	1302090019	68328	6537
1302060001	1302080001	40943	3602
1302060001	1302080002	46023	4268
1302060001	1302080003	32381	2907
1302060001	1302080004	36242	3191
1302060001	1302080005	42097	3746
1302060001	1302080006	45045	4155
1302060001	1302080007	46359	4337
1302060001	1302080008	48909	4696
1302060001	1302080009	32988	3098
1302060001	1302031010	41168	4200
1302060001	1302070009	31803	3611
1302060001	1302070008	25587	2620
1302060001	1302070007	24721	2489
1302060001	1302070006	22530	2257
1302060001	1302070005	21453	2116
1302060001	1302060009	10216	1395
1302060001	1302070003	24522	2257
1302060001	1302070002	22728	2248
1302060001	1302050010	10210	871
1302060001	1302100017	70346	6365
1302060001	1302060006	3257	469
1302060001	1302101003	95005	8800
1302060001	1302060008	11590	1286
1302060001	1302060007	5337	518
1302060001	1302020011	76231	7804
1302060001	1302020010	80020	8100
1302060001	1302060004	4198	480
1302060001	1302060005	6098	719
1302060001	1302020015	74655	7588
1302060001	1302060003	1801	182
1302060001	1302020017	66834	6790
1302060001	1302020016	72564	7321
1302060001	1302090001	61161	5497
1302060001	1302090003	69579	6470

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060001	1302090002	58174	5178
1302060001	1302090005	60557	5513
1302060001	1302090004	65338	6058
1302060001	1302090007	58554	5238
1302060001	1302090006	65213	5902
1302060001	1302090009	72055	6749
1302060001	1302060002	11874	1327
1302060001	1302070010	37533	4529
1302060001	1302040008	36392	3590
1302060001	1302040009	32885	3293
1302060001	1302070011	22406	2093
1302060001	1302040004	27170	2743
1302060001	1302040005	27665	2857
1302060001	1302040006	26242	2669
1302060001	1302040007	23031	2243
1302060001	1302100013	80492	7398
1302060001	1302040001	30924	3005
1302060001	1302040002	25619	2502
1302060001	1302040003	27990	2876
1302060001	1302021010	81081	8235
1302060001	1302050009	8042	719
1302060001	1302050008	11732	1082
1302060001	1302100009	75806	6954
1302060001	1302100008	72729	6626
1302060001	1302050005	12528	1160
1302060001	1302050004	19452	1974
1302060001	1302050007	16112	1601
1302060001	1302050006	18539	1864
1302060001	1302050001	19628	1934
1302060001	1302100002	79682	7317
1302060001	1302050003	17328	1579
1302060001	1302050002	14483	1354
1302060001	1302110008	105591	9202
1302060001	1302110009	104765	9300
1302060001	1302110006	94567	8324
1302060001	1302110007	123278	12752

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060001	1302100014	100432	9674
1302060001	1302110005	84782	7534
1302060001	1302110002	80873	7242
1302060001	1302110003	79963	7132
1302060001	1302110001	76434	6792
1302060001	1302031009	40332	4096
1302060001	1302040013	32500	3218
1302060001	1302040012	37850	3957
1302060001	1302040011	37466	3743
1302060001	1302040010	32933	3306
1302060001	1302040016	26428	2451
1302060001	1302040015	32033	3393
1302060001	1302040014	36207	3694
1302060001	1302100015	67686	6295
1302060001	1302012010	103952	10484
1302070001	1302101004	85181	8185
1302070001	1302020003	90147	9165
1302070001	1302020001	93640	9446
1302070001	1302020006	84533	8481
1302070001	1302020005	89423	9047
1302070001	1302090012	54635	4946
1302070001	1302090013	54975	5123
1302070001	1302090010	58566	5562
1302070001	1302090011	60118	5798
1302070001	1302090016	56492	5316
1302070001	1302090017	56492	5316
1302070001	1302090014	55307	5130
1302070001	1302090015	55972	5205
1302070001	1302090018	56492	5316
1302070001	1302090019	53788	5166
1302070001	1302080001	26403	2232
1302070001	1302080002	31483	2897
1302070001	1302080003	17841	1536
1302070001	1302080004	21702	1820
1302070001	1302080005	27557	2375
1302070001	1302080006	30505	2785

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070001	1302080007	31819	2967
1302070001	1302080008	34368	3326
1302070001	1302080009	18448	1728
1302070001	1302031010	55708	5616
1302070001	1302070009	17263	2241
1302070001	1302070008	11047	1250
1302070001	1302070007	10181	1118
1302070001	1302070006	7990	887
1302070001	1302070005	6913	746
1302070001	1302060009	20983	2600
1302070001	1302070003	9981	886
1302070001	1302070002	8188	878
1302070001	1302050010	24751	2287
1302070001	1302100017	55805	4994
1302070001	1302060006	12863	1427
1302070001	1302101003	80465	7429
1302070001	1302060008	16334	1778
1302070001	1302060007	9265	945
1302070001	1302020011	90771	9220
1302070001	1302020010	94561	9516
1302070001	1302060004	18738	1896
1302070001	1302060005	17487	2003
1302070001	1302020015	89196	9004
1302070001	1302060003	16341	1598
1302070001	1302020017	81374	8206
1302070001	1302020016	87104	8737
1302070001	1302090001	46620	4126
1302070001	1302090003	55039	5100
1302070001	1302090002	43634	3808
1302070001	1302090005	46017	4143
1302070001	1302090004	50798	4688
1302070001	1302090007	44014	3868
1302070001	1302090006	50673	4531
1302070001	1302090009	57515	5378
1302070001	1302060002	16618	1819
1302070001	1302070010	22992	3159

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070001	1302040008	50932	5006
1302070001	1302040009	47425	4709
1302070001	1302070011	7866	723
1302070001	1302040004	41711	4159
1302070001	1302040005	42205	4273
1302070001	1302040006	40782	4085
1302070001	1302040007	37571	3659
1302070001	1302100013	65952	6027
1302070001	1302040001	45464	4421
1302070001	1302040002	40159	3918
1302070001	1302040003	42530	4292
1302070001	1302021010	95621	9651
1302070001	1302050009	22583	2135
1302070001	1302050008	26272	2498
1302070001	1302100009	61266	5584
1302070001	1302100008	58189	5256
1302070001	1302050005	27068	2576
1302070001	1302050004	33992	3390
1302070001	1302050007	30652	3017
1302070001	1302050006	33079	3280
1302070001	1302050001	34169	3350
1302070001	1302100002	65142	5946
1302070001	1302050003	31868	2995
1302070001	1302050002	29024	2770
1302070001	1302110008	91051	7832
1302070001	1302110009	90224	7930
1302070001	1302110006	80026	6953
1302070001	1302110007	108737	11382
1302070001	1302100014	85892	8303
1302070001	1302110005	70242	6164
1302070001	1302110002	66333	5872
1302070001	1302110003	65423	5762
1302070001	1302110001	61894	5422
1302070001	1302031009	54872	5512
1302070001	1302040013	47040	4634
1302070001	1302040012	52390	5372



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070001	1302040011	52006	5159
1302070001	1302040010	47473	4722
1302070001	1302040016	40969	3867
1302070001	1302040015	46573	4809
1302070001	1302040014	50747	5110
1302070001	1302100015	53146	4925
1302070001	1302012010	118492	11899
1302101004	1302020003	175334	17351
1302101004	1302020001	178827	17631
1302101004	1302020006	169719	16667
1302101004	1302020005	174610	17232
1302101004	1302090012	39252	4228
1302101004	1302090013	41891	4566
1302101004	1302090010	32810	3721
1302101004	1302090011	34362	3957
1302101004	1302090016	43408	4758
1302101004	1302090017	43408	4758
1302101004	1302090014	42224	4573
1302101004	1302090015	42889	4648
1302101004	1302090018	43408	4758
1302101004	1302090019	47920	5347
1302101004	1302080001	58857	6002
1302101004	1302080002	63167	6587
1302101004	1302080003	67346	6657
1302101004	1302080004	63485	6370
1302101004	1302080005	59501	6187
1302101004	1302080006	62189	6475
1302101004	1302080007	63502	6656
1302101004	1302080008	66052	7015
1302101004	1302080009	68263	6816
1302101004	1302031010	140895	13801
1302101004	1302070009	91292	9397
1302101004	1302070008	85076	8406
1302101004	1302070007	84209	8274
1302101004	1302070006	79806	7821
1302101004	1302070005	80942	7902

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101004	1302060009	106170	10786
1302101004	1302070003	75205	7314
1302101004	1302070002	78786	7792
1302101004	1302050010	109937	10473
1302101004	1302100017	29374	3354
1302101004	1302060006	98049	9612
1302101004	1302101003	6056	983
1302101004	1302060008	101521	9963
1302101004	1302060007	94452	9130
1302101004	1302020011	175957	17405
1302101004	1302020010	179747	17702
1302101004	1302060004	103924	10082
1302101004	1302060005	102674	10188
1302101004	1302020015	174382	17190
1302101004	1302060003	101528	9783
1302101004	1302020017	166561	16391
1302101004	1302020016	172291	16922
1302101004	1302090001	39450	4214
1302101004	1302090003	41955	4543
1302101004	1302090002	41875	4445
1302101004	1302090005	40549	4273
1302101004	1302090004	44930	4869
1302101004	1302090007	42391	4504
1302101004	1302090006	35225	3802
1302101004	1302090009	44431	4821
1302101004	1302060002	101805	10004
1302101004	1302070010	97021	10315
1302101004	1302040008	136119	13191
1302101004	1302040009	132612	12895
1302101004	1302070011	77321	7480
1302101004	1302040004	126897	12345
1302101004	1302040005	127392	12458
1302101004	1302040006	125969	12271
1302101004	1302040007	122758	11844
1302101004	1302100013	19230	2163
1302101004	1302040001	130651	12607

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101004	1302040002	125346	12103
1302101004	1302040003	127717	12477
1302101004	1302021010	180808	17836
1302101004	1302050009	107769	10320
1302101004	1302050008	111459	10684
1302101004	1302100009	24854	2834
1302101004	1302100008	27659	3048
1302101004	1302050005	112255	10761
1302101004	1302050004	119179	11575
1302101004	1302050007	115839	11202
1302101004	1302050006	118266	11465
1302101004	1302050001	119355	11536
1302101004	1302100002	20039	2244
1302101004	1302050003	117055	11180
1302101004	1302050002	114210	10955
1302101004	1302110008	64666	6191
1302101004	1302110009	63839	6290
1302101004	1302110006	53641	5313
1302101004	1302110007	82352	9742
1302101004	1302100014	4220	687
1302101004	1302110005	43857	4524
1302101004	1302110002	39948	4232
1302101004	1302110003	39038	4122
1302101004	1302110001	35509	3781
1302101004	1302031009	140059	13697
1302101004	1302040013	132227	12819
1302101004	1302040012	137577	13558
1302101004	1302040011	137193	13345
1302101004	1302040010	132660	12907
1302101004	1302040016	126155	12053
1302101004	1302040015	131760	12994
1302101004	1302040014	135934	13295
1302101004	1302100015	29077	3361
1302101004	1302012010	203679	20085
1302020003	1302020001	3934	390
1302020003	1302020006	5614	771

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020003	1302020005	724	119
1302020003	1302090012	144782	13983
1302020003	1302090013	145122	14161
1302020003	1302090010	148713	14599
1302020003	1302090011	150265	14835
1302020003	1302090016	146639	14353
1302020003	1302090017	146639	14353
1302020003	1302090014	145454	14167
1302020003	1302090015	146119	14242
1302020003	1302090018	146639	14353
1302020003	1302090019	143935	14203
1302020003	1302080001	116550	11269
1302020003	1302080002	121630	11934
1302020003	1302080003	107988	10573
1302020003	1302080004	111849	10857
1302020003	1302080005	117704	11413
1302020003	1302080006	120652	11822
1302020003	1302080007	121966	12004
1302020003	1302080008	124515	12363
1302020003	1302080009	108595	10765
1302020003	1302031010	34277	3686
1302020003	1302070009	107410	11278
1302020003	1302070008	101194	10287
1302020003	1302070007	100327	10155
1302020003	1302070006	98137	9924
1302020003	1302070005	97060	9783
1302020003	1302060009	83322	8932
1302020003	1302070003	100128	9923
1302020003	1302070002	98335	9915
1302020003	1302050010	71088	7443
1302020003	1302100017	145952	14032
1302020003	1302060006	78864	8135
1302020003	1302101003	170612	16466
1302020003	1302060008	87196	8952
1302020003	1302060007	80944	8184
1302020003	1302020011	2021	256

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020003	1302020010	4854	460
1302020003	1302060004	77304	8018
1302020003	1302060005	79205	8257
1302020003	1302020015	951	212
1302020003	1302060003	73805	7485
1302020003	1302020017	8772	1047
1302020003	1302020016	3043	516
1302020003	1302090001	136767	13163
1302020003	1302090003	145186	14137
1302020003	1302090002	133780	12845
1302020003	1302090005	136164	13180
1302020003	1302090004	140944	13725
1302020003	1302090007	134160	12905
1302020003	1302090006	140820	13568
1302020003	1302090009	147662	14415
1302020003	1302060002	87480	8993
1302020003	1302070010	113139	12196
1302020003	1302040008	44869	4636
1302020003	1302040009	45011	4727
1302020003	1302070011	98012	9760
1302020003	1302040004	50350	5558
1302020003	1302040005	56767	6259
1302020003	1302040006	55344	6072
1302020003	1302040007	51663	5559
1302020003	1302100013	156098	15064
1302020003	1302040001	44682	4746
1302020003	1302040002	49075	5304
1302020003	1302040003	51170	5691
1302020003	1302021010	7037	831
1302020003	1302050009	67708	6998
1302020003	1302050008	65304	6943
1302020003	1302100009	151413	14621
1302020003	1302100008	148336	14293
1302020003	1302050005	62167	6572
1302020003	1302050004	57478	6139
1302020003	1302050007	62986	6873

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020003	1302050006	61236	6650
1302020003	1302050001	55066	5868
1302020003	1302100002	155289	14983
1302020003	1302050003	58302	6124
1302020003	1302050002	62446	6733
1302020003	1302110008	181198	16869
1302020003	1302110009	180371	16967
1302020003	1302110006	170173	15990
1302020003	1302110007	198884	20419
1302020003	1302100014	176038	17341
1302020003	1302110005	160389	15201
1302020003	1302110002	156480	14909
1302020003	1302110003	155570	14799
1302020003	1302110001	152041	14459
1302020003	1302031009	35095	3787
1302020003	1302040013	44237	4708
1302020003	1302040012	46859	5085
1302020003	1302040011	38141	4008
1302020003	1302040010	43017	4500
1302020003	1302040016	51067	5434
1302020003	1302040015	49543	5577
1302020003	1302040014	45216	4822
1302020003	1302100015	143292	13962
1302020003	1302012010	28785	2843
1302020001	1302020006	9108	1012
1302020001	1302020005	4308	455
1302020001	1302090012	148275	14224
1302020001	1302090013	148616	14401
1302020001	1302090010	152207	14840
1302020001	1302090011	153759	15076
1302020001	1302090016	150133	14594
1302020001	1302090017	150133	14594
1302020001	1302090014	148948	14408
1302020001	1302090015	149613	14483
1302020001	1302090018	150133	14594
1302020001	1302090019	147428	14444

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020001	1302080001	120043	11509
1302020001	1302080002	125124	12175
1302020001	1302080003	111482	10814
1302020001	1302080004	115342	11098
1302020001	1302080005	121198	11653
1302020001	1302080006	124146	12063
1302020001	1302080007	125459	12245
1302020001	1302080008	128009	12604
1302020001	1302080009	112088	11006
1302020001	1302031010	37770	3926
1302020001	1302070009	110904	11519
1302020001	1302070008	104688	10527
1302020001	1302070007	103821	10396
1302020001	1302070006	101630	10165
1302020001	1302070005	100553	10024
1302020001	1302060009	86816	9173
1302020001	1302070003	103622	10164
1302020001	1302070002	101829	10156
1302020001	1302050010	74582	7684
1302020001	1302100017	149446	14272
1302020001	1302060006	82357	8376
1302020001	1302101003	174106	16707
1302020001	1302060008	90690	9193
1302020001	1302060007	84437	8425
1302020001	1302020011	2870	274
1302020001	1302020010	920	71
1302020001	1302060004	80798	8258
1302020001	1302060005	82698	8497
1302020001	1302020015	4445	453
1302020001	1302060003	77299	7725
1302020001	1302020017	12266	1288
1302020001	1302020016	6536	757
1302020001	1302090001	140261	13404
1302020001	1302090003	148680	14378
1302020001	1302090002	137274	13085
1302020001	1302090005	139658	13421

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020001	1302090004	144438	13966
1302020001	1302090007	137654	13146
1302020001	1302090006	144313	13809
1302020001	1302090009	151155	14656
1302020001	1302060002	90974	9234
1302020001	1302070010	116633	12437
1302020001	1302040008	48363	4877
1302020001	1302040009	48504	4968
1302020001	1302070011	101506	10001
1302020001	1302040004	53844	5799
1302020001	1302040005	60261	6500
1302020001	1302040006	58838	6313
1302020001	1302040007	55157	5800
1302020001	1302100013	159592	15305
1302020001	1302040001	48176	4987
1302020001	1302040002	52569	5545
1302020001	1302040003	54663	5932
1302020001	1302021010	10531	1072
1302020001	1302050009	71202	7239
1302020001	1302050008	68798	7184
1302020001	1302100009	154907	14862
1302020001	1302100008	151829	14534
1302020001	1302050005	65661	6813
1302020001	1302050004	60971	6380
1302020001	1302050007	66480	7114
1302020001	1302050006	64730	6891
1302020001	1302050001	58560	6109
1302020001	1302100002	158783	15224
1302020001	1302050003	61796	6365
1302020001	1302050002	65939	6974
1302020001	1302110008	184692	17110
1302020001	1302110009	183865	17208
1302020001	1302110006	173667	16231
1302020001	1302110007	202378	20660
1302020001	1302100014	179532	17581
1302020001	1302110005	163882	15442



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020001	1302110002	159973	15150
1302020001	1302110003	159063	15040
1302020001	1302110001	155535	14699
1302020001	1302031009	38588	4028
1302020001	1302040013	47731	4949
1302020001	1302040012	50352	5326
1302020001	1302040011	41635	4249
1302020001	1302040010	46510	4741
1302020001	1302040016	54561	5675
1302020001	1302040015	53037	5818
1302020001	1302040014	48709	5063
1302020001	1302100015	146786	14203
1302020001	1302012010	24852	2454
1302020006	1302020005	4890	566
1302020006	1302090012	139168	13212
1302020006	1302090013	139508	13389
1302020006	1302090010	143099	13828
1302020006	1302090011	144651	14064
1302020006	1302090016	141025	13582
1302020006	1302090017	141025	13582
1302020006	1302090014	139840	13396
1302020006	1302090015	140505	13471
1302020006	1302090018	141025	13582
1302020006	1302090019	138320	13432
1302020006	1302080001	110935	10497
1302020006	1302080002	116016	11163
1302020006	1302080003	102374	9802
1302020006	1302080004	106234	10086
1302020006	1302080005	112090	10641
1302020006	1302080006	115038	11051
1302020006	1302080007	116352	11233
1302020006	1302080008	118901	11592
1302020006	1302080009	102980	9994
1302020006	1302031010	28662	2914
1302020006	1302070009	101796	10507
1302020006	1302070008	95580	9516

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020006	1302070007	94713	9384
1302020006	1302070006	92522	9153
1302020006	1302070005	91446	9012
1302020006	1302060009	77708	8161
1302020006	1302070003	94514	9152
1302020006	1302070002	92721	9144
1302020006	1302050010	65474	6672
1302020006	1302100017	140338	13260
1302020006	1302060006	73249	7364
1302020006	1302101003	164998	15695
1302020006	1302060008	81582	8181
1302020006	1302060007	75330	7413
1302020006	1302020011	6238	738
1302020006	1302020010	10028	1035
1302020006	1302060004	71690	7246
1302020006	1302060005	73591	7485
1302020006	1302020015	4663	523
1302020006	1302060003	68191	6713
1302020006	1302020017	3158	276
1302020006	1302020016	2571	256
1302020006	1302090001	131153	12392
1302020006	1302090003	139572	13366
1302020006	1302090002	128166	12073
1302020006	1302090005	130550	12409
1302020006	1302090004	135330	12954
1302020006	1302090007	128546	12134
1302020006	1302090006	135206	12797
1302020006	1302090009	142047	13644
1302020006	1302060002	81866	8222
1302020006	1302070010	107525	11425
1302020006	1302040008	39255	3865
1302020006	1302040009	39397	3956
1302020006	1302070011	92398	8989
1302020006	1302040004	44736	4787
1302020006	1302040005	51153	5488
1302020006	1302040006	49730	5301

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020006	1302040007	46049	4788
1302020006	1302100013	150484	14293
1302020006	1302040001	39068	3975
1302020006	1302040002	43461	4533
1302020006	1302040003	45556	4920
1302020006	1302021010	11089	1170
1302020006	1302050009	62094	6227
1302020006	1302050008	59690	6172
1302020006	1302100009	145799	13850
1302020006	1302100008	142722	13522
1302020006	1302050005	56553	5801
1302020006	1302050004	51864	5368
1302020006	1302050007	57372	6102
1302020006	1302050006	55622	5879
1302020006	1302050001	49452	5097
1302020006	1302100002	149675	14212
1302020006	1302050003	52688	5353
1302020006	1302050002	56832	5962
1302020006	1302110008	175584	16098
1302020006	1302110009	174757	16196
1302020006	1302110006	164559	15219
1302020006	1302110007	193270	19648
1302020006	1302100014	170424	16569
1302020006	1302110005	154775	14430
1302020006	1302110002	150866	14138
1302020006	1302110003	149956	14028
1302020006	1302110001	146427	13687
1302020006	1302031009	29481	3016
1302020006	1302040013	38623	3937
1302020006	1302040012	41245	4314
1302020006	1302040011	32527	3237
1302020006	1302040010	37402	3729
1302020006	1302040016	45453	4663
1302020006	1302040015	43929	4806
1302020006	1302040014	39602	4051
1302020006	1302100015	137678	13191

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020006	1302012010	33959	3418
1302020005	1302090012	144058	13864
1302020005	1302090013	144398	14042
1302020005	1302090010	147989	14480
1302020005	1302090011	149541	14716
1302020005	1302090016	145915	14234
1302020005	1302090017	145915	14234
1302020005	1302090014	144730	14048
1302020005	1302090015	145395	14123
1302020005	1302090018	145915	14234
1302020005	1302090019	143211	14084
1302020005	1302080001	115826	11150
1302020005	1302080002	120906	11816
1302020005	1302080003	107264	10455
1302020005	1302080004	111125	10738
1302020005	1302080005	116980	11294
1302020005	1302080006	119928	11703
1302020005	1302080007	121242	11885
1302020005	1302080008	123791	12244
1302020005	1302080009	107871	10646
1302020005	1302031010	33553	3567
1302020005	1302070009	106686	11159
1302020005	1302070008	100470	10168
1302020005	1302070007	99603	10036
1302020005	1302070006	97413	9805
1302020005	1302070005	96336	9664
1302020005	1302060009	82599	8813
1302020005	1302070003	99404	9805
1302020005	1302070002	97611	9796
1302020005	1302050010	70364	7324
1302020005	1302100017	145228	13913
1302020005	1302060006	78140	8017
1302020005	1302101003	169888	16347
1302020005	1302060008	86473	8833
1302020005	1302060007	80220	8066
1302020005	1302020011	1438	166

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020005	1302020010	5228	462
1302020005	1302060004	76580	7899
1302020005	1302060005	78481	8138
1302020005	1302020015	227	93
1302020005	1302060003	73082	7366
1302020005	1302020017	8049	928
1302020005	1302020016	2319	397
1302020005	1302090001	136043	13045
1302020005	1302090003	144462	14018
1302020005	1302090002	133056	12726
1302020005	1302090005	135440	13061
1302020005	1302090004	140221	13606
1302020005	1302090007	133437	12786
1302020005	1302090006	140096	13449
1302020005	1302090009	146938	14297
1302020005	1302060002	86756	8875
1302020005	1302070010	112415	12077
1302020005	1302040008	44145	4517
1302020005	1302040009	44287	4608
1302020005	1302070011	97288	9641
1302020005	1302040004	49627	5440
1302020005	1302040005	56043	6140
1302020005	1302040006	54620	5953
1302020005	1302040007	50939	5441
1302020005	1302100013	155375	14945
1302020005	1302040001	43959	4627
1302020005	1302040002	48352	5185
1302020005	1302040003	50446	5572
1302020005	1302021010	6314	712
1302020005	1302050009	66985	6879
1302020005	1302050008	64580	6825
1302020005	1302100009	150689	14502
1302020005	1302100008	147612	14174
1302020005	1302050005	61443	6453
1302020005	1302050004	56754	6020
1302020005	1302050007	62262	6754

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020005	1302050006	60513	6531
1302020005	1302050001	54342	5749
1302020005	1302100002	154565	14864
1302020005	1302050003	57578	6005
1302020005	1302050002	61722	6614
1302020005	1302110008	180474	16750
1302020005	1302110009	179647	16848
1302020005	1302110006	169449	15871
1302020005	1302110007	198160	20300
1302020005	1302100014	175315	17222
1302020005	1302110005	159665	15082
1302020005	1302110002	155756	14790
1302020005	1302110003	154846	14680
1302020005	1302110001	151317	14340
1302020005	1302031009	34371	3668
1302020005	1302040013	43513	4589
1302020005	1302040012	46135	4966
1302020005	1302040011	37417	3889
1302020005	1302040010	42293	4381
1302020005	1302040016	50343	5316
1302020005	1302040015	48820	5459
1302020005	1302040014	44492	4703
1302020005	1302100015	142569	13843
1302020005	1302012010	29159	2846
1302090012	1302090013	2823	351
1302090012	1302090010	12551	1621
1302090012	1302090011	14103	1857
1302090012	1302090016	4340	543
1302090012	1302090017	4340	543
1302090012	1302090014	3155	358
1302090012	1302090015	3820	433
1302090012	1302090018	4340	543
1302090012	1302090019	16934	2035
1302090012	1302080001	27870	2690
1302090012	1302080002	32180	3274
1302090012	1302080003	36360	3344

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090012	1302080004	32499	3057
1302090012	1302080005	28515	2874
1302090012	1302080006	31202	3162
1302090012	1302080007	32516	3344
1302090012	1302080008	35066	3703
1302090012	1302080009	37277	3503
1302090012	1302031010	109909	10489
1302090012	1302070009	60306	6085
1302090012	1302070008	54090	5093
1302090012	1302070007	53223	4962
1302090012	1302070006	48820	4508
1302090012	1302070005	49955	4589
1302090012	1302060009	75184	7473
1302090012	1302070003	44219	4002
1302090012	1302070002	47800	4480
1302090012	1302050010	78951	7160
1302090012	1302100017	9814	1128
1302090012	1302060006	67063	6299
1302090012	1302101003	31492	3576
1302090012	1302060008	70534	6650
1302090012	1302060007	63466	5818
1302090012	1302020011	144971	14093
1302090012	1302020010	148761	14389
1302090012	1302060004	72938	6769
1302090012	1302060005	71688	6876
1302090012	1302020015	143396	13877
1302090012	1302060003	70542	6470
1302090012	1302020017	135575	13078
1302090012	1302020016	141305	13610
1302090012	1302090001	8463	901
1302090012	1302090003	2887	328
1302090012	1302090002	10889	1132
1302090012	1302090005	9562	961
1302090012	1302090004	13944	1556
1302090012	1302090007	11404	1192
1302090012	1302090006	4027	426

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090012	1302090009	5363	606
1302090012	1302060002	70818	6692
1302090012	1302070010	66035	7002
1302090012	1302040008	105132	9878
1302090012	1302040009	101626	9582
1302090012	1302070011	46335	4168
1302090012	1302040004	95911	9032
1302090012	1302040005	96406	9145
1302090012	1302040006	94983	8958
1302090012	1302040007	91772	8532
1302090012	1302100013	16978	2174
1302090012	1302040001	99665	9294
1302090012	1302040002	94360	8791
1302090012	1302040003	96731	9164
1302090012	1302021010	149822	14524
1302090012	1302050009	76783	7007
1302090012	1302050008	80472	7371
1302090012	1302100009	15275	1717
1302090012	1302100008	12198	1389
1302090012	1302050005	81268	7448
1302090012	1302050004	88192	8263
1302090012	1302050007	84852	7890
1302090012	1302050006	87280	8153
1302090012	1302050001	88369	8223
1302090012	1302100002	16169	2093
1302090012	1302050003	86069	7868
1302090012	1302050002	83224	7643
1302090012	1302110008	45060	3965
1302090012	1302110009	44233	4063
1302090012	1302110006	34035	3086
1302090012	1302110007	62746	7515
1302090012	1302100014	36918	4450
1302090012	1302110005	24251	2297
1302090012	1302110002	20342	2005
1302090012	1302110003	19431	1895
1302090012	1302110001	15903	1555



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090012	1302031009	109072	10385
1302090012	1302040013	101241	9506
1302090012	1302040012	106591	10245
1302090012	1302040011	106206	10032
1302090012	1302040010	101674	9595
1302090012	1302040016	95169	8740
1302090012	1302040015	100774	9682
1302090012	1302040014	104948	9982
1302090012	1302100015	7130	984
1302090012	1302012010	172693	16772
1302090013	1302090010	15190	1951
1302090013	1302090011	16742	2187
1302090013	1302090016	2122	313
1302090013	1302090017	2122	313
1302090013	1302090014	1123	150
1302090013	1302090015	1788	225
1302090013	1302090018	2122	313
1302090013	1302090019	17368	2239
1302090013	1302080001	28304	2894
1302090013	1302080002	32614	3479
1302090013	1302080003	36793	3549
1302090013	1302080004	32932	3262
1302090013	1302080005	28949	3079
1302090013	1302080006	31636	3367
1302090013	1302080007	32950	3548
1302090013	1302080008	35499	3908
1302090013	1302080009	37710	3708
1302090013	1302031010	110342	10693
1302090013	1302070009	60739	6289
1302090013	1302070008	54523	5298
1302090013	1302070007	53657	5166
1302090013	1302070006	49253	4713
1302090013	1302070005	50389	4794
1302090013	1302060009	75617	7678
1302090013	1302070003	44653	4206
1302090013	1302070002	48234	4685

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090013	1302050010	79385	7365
1302090013	1302100017	12453	1458
1302090013	1302060006	67497	6504
1302090013	1302101003	34131	3906
1302090013	1302060008	70968	6855
1302090013	1302060007	63900	6022
1302090013	1302020011	145405	14297
1302090013	1302020010	149195	14594
1302090013	1302060004	73372	6974
1302090013	1302060005	72122	7080
1302090013	1302020015	143830	14082
1302090013	1302060003	70976	6675
1302090013	1302020017	136008	13283
1302090013	1302020016	141738	13814
1302090013	1302090001	8897	1106
1302090013	1302090003	855	120
1302090013	1302090002	11323	1337
1302090013	1302090005	9996	1165
1302090013	1302090004	14378	1761
1302090013	1302090007	11838	1397
1302090013	1302090006	6666	756
1302090013	1302090009	3330	398
1302090013	1302060002	71252	6896
1302090013	1302070010	66469	7207
1302090013	1302040008	105566	10083
1302090013	1302040009	102060	9787
1302090013	1302070011	46769	4372
1302090013	1302040004	96345	9237
1302090013	1302040005	96840	9350
1302090013	1302040006	95417	9163
1302090013	1302040007	92206	8737
1302090013	1302100013	19617	2504
1302090013	1302040001	100099	9499
1302090013	1302040002	94793	8995
1302090013	1302040003	97164	9369
1302090013	1302021010	150256	14728

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090013	1302050009	77217	7212
1302090013	1302050008	80906	7576
1302090013	1302100009	17914	2047
1302090013	1302100008	14837	1719
1302090013	1302050005	81702	7653
1302090013	1302050004	88626	8467
1302090013	1302050007	85286	8095
1302090013	1302050006	87714	8357
1302090013	1302050001	88803	8428
1302090013	1302100002	18808	2423
1302090013	1302050003	86503	8072
1302090013	1302050002	83658	7847
1302090013	1302110008	47699	4295
1302090013	1302110009	46872	4393
1302090013	1302110006	36674	3417
1302090013	1302110007	65385	7845
1302090013	1302100014	39557	4781
1302090013	1302110005	26890	2627
1302090013	1302110002	22981	2335
1302090013	1302110003	22071	2225
1302090013	1302110001	18542	1885
1302090013	1302031009	109506	10589
1302090013	1302040013	101674	9711
1302090013	1302040012	107025	10450
1302090013	1302040011	106640	10237
1302090013	1302040010	102108	9800
1302090013	1302040016	95603	8945
1302090013	1302040015	101208	9886
1302090013	1302040014	105382	10187
1302090013	1302100015	9770	1315
1302090013	1302012010	173126	16977
1302090010	1302090011	1552	236
1302090010	1302090016	16786	2112
1302090010	1302090017	16786	2112
1302090010	1302090014	15601	1927
1302090010	1302090015	16266	2001

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090010	1302090018	16786	2112
1302090010	1302090019	21298	2701
1302090010	1302080001	32234	3356
1302090010	1302080002	36544	3941
1302090010	1302080003	40723	4011
1302090010	1302080004	36862	3724
1302090010	1302080005	32879	3541
1302090010	1302080006	35566	3828
1302090010	1302080007	36880	4010
1302090010	1302080008	39429	4369
1302090010	1302080009	41640	4170
1302090010	1302031010	114272	11155
1302090010	1302070009	64669	6751
1302090010	1302070008	58453	5760
1302090010	1302070007	57587	5628
1302090010	1302070006	53183	5175
1302090010	1302070005	54319	5256
1302090010	1302060009	79547	8139
1302090010	1302070003	48583	4668
1302090010	1302070002	52164	5146
1302090010	1302050010	83315	7826
1302090010	1302100017	5717	629
1302090010	1302060006	71427	6966
1302090010	1302101003	28094	2952
1302090010	1302060008	74898	7317
1302090010	1302060007	67830	6484
1302090010	1302020011	149335	14759
1302090010	1302020010	153125	15055
1302090010	1302060004	77302	7435
1302090010	1302060005	76052	7542
1302090010	1302020015	147760	14543
1302090010	1302060003	74905	7137
1302090010	1302020017	139938	13745
1302090010	1302020016	145668	14276
1302090010	1302090001	12827	1568
1302090010	1302090003	15333	1896

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090010	1302090002	15253	1799
1302090010	1302090005	13926	1627
1302090010	1302090004	18308	2223
1302090010	1302090007	15768	1858
1302090010	1302090006	8603	1156
1302090010	1302090009	17808	2175
1302090010	1302060002	75182	7358
1302090010	1302070010	70399	7669
1302090010	1302040008	109496	10545
1302090010	1302040009	105990	10248
1302090010	1302070011	50699	4834
1302090010	1302040004	100275	9698
1302090010	1302040005	100770	9812
1302090010	1302040006	99347	9624
1302090010	1302040007	96136	9198
1302090010	1302100013	13581	1550
1302090010	1302040001	104029	9960
1302090010	1302040002	98723	9457
1302090010	1302040003	101094	9831
1302090010	1302021010	154186	15190
1302090010	1302050009	81147	7674
1302090010	1302050008	84836	8037
1302090010	1302100009	11057	1295
1302090010	1302100008	9751	1113
1302090010	1302050005	85632	8115
1302090010	1302050004	92556	8929
1302090010	1302050007	89216	8556
1302090010	1302050006	91644	8819
1302090010	1302050001	92733	8889
1302090010	1302100002	12771	1469
1302090010	1302050003	90433	8534
1302090010	1302050002	87588	8309
1302090010	1302110008	42689	3827
1302090010	1302110009	41862	3925
1302090010	1302110006	31664	2948
1302090010	1302110007	60375	7377

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090010	1302100014	33521	3826
1302090010	1302110005	21880	2159
1302090010	1302110002	17971	1867
1302090010	1302110003	17061	1757
1302090010	1302110001	13532	1417
1302090010	1302031009	113436	11051
1302090010	1302040013	105604	10173
1302090010	1302040012	110955	10912
1302090010	1302040011	110570	10698
1302090010	1302040010	106038	10261
1302090010	1302040016	99533	9406
1302090010	1302040015	105138	10348
1302090010	1302040014	109312	10649
1302090010	1302100015	5421	637
1302090010	1302012010	177056	17439
1302090011	1302090016	18338	2350
1302090011	1302090017	18338	2350
1302090011	1302090014	17153	2164
1302090011	1302090015	17818	2239
1302090011	1302090018	18338	2350
1302090011	1302090019	22849	2938
1302090011	1302080001	33786	3593
1302090011	1302080002	38096	4178
1302090011	1302080003	42275	4248
1302090011	1302080004	38414	3961
1302090011	1302080005	34430	3778
1302090011	1302080006	37118	4066
1302090011	1302080007	38431	4247
1302090011	1302080008	40981	4606
1302090011	1302080009	43192	4407
1302090011	1302031010	115824	11392
1302090011	1302070009	66221	6988
1302090011	1302070008	60005	5997
1302090011	1302070007	59138	5865
1302090011	1302070006	54735	5412
1302090011	1302070005	55871	5493

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090011	1302060009	81099	8377
1302090011	1302070003	50135	4905
1302090011	1302070002	53715	5384
1302090011	1302050010	84867	8064
1302090011	1302100017	7269	866
1302090011	1302060006	72979	7203
1302090011	1302101003	29646	3189
1302090011	1302060008	76450	7554
1302090011	1302060007	69381	6721
1302090011	1302020011	150887	14996
1302090011	1302020010	154677	15293
1302090011	1302060004	78854	7673
1302090011	1302060005	77603	7779
1302090011	1302020015	149312	14781
1302090011	1302060003	76457	7374
1302090011	1302020017	141490	13982
1302090011	1302020016	147220	14513
1302090011	1302090001	14379	1805
1302090011	1302090003	16885	2134
1302090011	1302090002	16805	2036
1302090011	1302090005	15478	1864
1302090011	1302090004	19859	2460
1302090011	1302090007	17320	2095
1302090011	1302090006	10155	1393
1302090011	1302090009	19360	2412
1302090011	1302060002	76734	7595
1302090011	1302070010	71950	7906
1302090011	1302040008	111048	10782
1302090011	1302040009	107541	10486
1302090011	1302070011	52250	5071
1302090011	1302040004	101827	9936
1302090011	1302040005	102321	10049
1302090011	1302040006	100898	9862
1302090011	1302040007	97687	9435
1302090011	1302100013	15133	1787
1302090011	1302040001	105580	10198

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090011	1302040002	100275	9694
1302090011	1302040003	102646	10068
1302090011	1302021010	155737	15427
1302090011	1302050009	82699	7911
1302090011	1302050008	86388	8275
1302090011	1302100009	12609	1532
1302090011	1302100008	11302	1350
1302090011	1302050005	87184	8352
1302090011	1302050004	94108	9166
1302090011	1302050007	90768	8793
1302090011	1302050006	93196	9056
1302090011	1302050001	94285	9127
1302090011	1302100002	14323	1706
1302090011	1302050003	91984	8771
1302090011	1302050002	89140	8546
1302090011	1302110008	44241	4064
1302090011	1302110009	43414	4163
1302090011	1302110006	33216	3186
1302090011	1302110007	61927	7615
1302090011	1302100014	35073	4064
1302090011	1302110005	23432	2396
1302090011	1302110002	19523	2104
1302090011	1302110003	18613	1994
1302090011	1302110001	15084	1654
1302090011	1302031009	114988	11288
1302090011	1302040013	107156	10410
1302090011	1302040012	112506	11149
1302090011	1302040011	112122	10936
1302090011	1302040010	107589	10499
1302090011	1302040016	101085	9644
1302090011	1302040015	106689	10585
1302090011	1302040014	110863	10886
1302090011	1302100015	6973	874
1302090011	1302012010	178608	17676
1302090016	1302090017	0	0
1302090016	1302090014	1942	276



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090016	1302090015	2607	351
1302090016	1302090018	0	0
1302090016	1302090019	18885	2438
1302090016	1302080001	29821	3093
1302090016	1302080002	34131	3677
1302090016	1302080003	38310	3747
1302090016	1302080004	34450	3460
1302090016	1302080005	30466	3277
1302090016	1302080006	33153	3565
1302090016	1302080007	34467	3747
1302090016	1302080008	37016	4106
1302090016	1302080009	39227	3906
1302090016	1302031010	111859	10892
1302090016	1302070009	62256	6487
1302090016	1302070008	56040	5496
1302090016	1302070007	55174	5365
1302090016	1302070006	50771	4911
1302090016	1302070005	51906	4992
1302090016	1302060009	77134	7876
1302090016	1302070003	46170	4405
1302090016	1302070002	49751	4883
1302090016	1302050010	80902	7563
1302090016	1302100017	13971	1656
1302090016	1302060006	69014	6702
1302090016	1302101003	35648	4104
1302090016	1302060008	72485	7053
1302090016	1302060007	65417	6221
1302090016	1302020011	146922	14496
1302090016	1302020010	150712	14792
1302090016	1302060004	74889	7172
1302090016	1302060005	73639	7279
1302090016	1302020015	145347	14280
1302090016	1302060003	72493	6873
1302090016	1302020017	137526	13481
1302090016	1302020016	143255	14013
1302090016	1302090001	10414	1304

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090016	1302090003	1674	246
1302090016	1302090002	12840	1535
1302090016	1302090005	11513	1363
1302090016	1302090004	15895	1959
1302090016	1302090007	13355	1595
1302090016	1302090006	8183	955
1302090016	1302090009	4150	525
1302090016	1302060002	72769	7095
1302090016	1302070010	67986	7405
1302090016	1302040008	107083	10281
1302090016	1302040009	103577	9985
1302090016	1302070011	48286	4570
1302090016	1302040004	97862	9435
1302090016	1302040005	98357	9548
1302090016	1302040006	96934	9361
1302090016	1302040007	93723	8935
1302090016	1302100013	21135	2702
1302090016	1302040001	101616	9697
1302090016	1302040002	96311	9193
1302090016	1302040003	98681	9567
1302090016	1302021010	151773	14927
1302090016	1302050009	78734	7410
1302090016	1302050008	82423	7774
1302090016	1302100009	19431	2245
1302090016	1302100008	16354	1918
1302090016	1302050005	83219	7851
1302090016	1302050004	90143	8666
1302090016	1302050007	86803	8293
1302090016	1302050006	89231	8556
1302090016	1302050001	90320	8626
1302090016	1302100002	20325	2622
1302090016	1302050003	88020	8270
1302090016	1302050002	85175	8045
1302090016	1302110008	49216	4493
1302090016	1302110009	48390	4592
1302090016	1302110006	38192	3615

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090016	1302110007	66902	8044
1302090016	1302100014	41075	4979
1302090016	1302110005	28407	2826
1302090016	1302110002	24498	2534
1302090016	1302110003	23588	2424
1302090016	1302110001	20059	2083
1302090016	1302031009	111023	10787
1302090016	1302040013	103192	9909
1302090016	1302040012	108542	10648
1302090016	1302040011	108157	10435
1302090016	1302040010	103625	9998
1302090016	1302040016	97120	9143
1302090016	1302040015	102725	10084
1302090016	1302040014	106899	10385
1302090016	1302100015	11287	1513
1302090016	1302012010	174643	17175
1302090017	1302090014	1942	276
1302090017	1302090015	2607	351
1302090017	1302090018	0	0
1302090017	1302090019	18885	2438
1302090017	1302080001	29821	3093
1302090017	1302080002	34131	3677
1302090017	1302080003	38310	3747
1302090017	1302080004	34450	3460
1302090017	1302080005	30466	3277
1302090017	1302080006	33153	3565
1302090017	1302080007	34467	3747
1302090017	1302080008	37016	4106
1302090017	1302080009	39227	3906
1302090017	1302031010	111859	10892
1302090017	1302070009	62256	6487
1302090017	1302070008	56040	5496
1302090017	1302070007	55174	5365
1302090017	1302070006	50771	4911
1302090017	1302070005	51906	4992
1302090017	1302060009	77134	7876

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090017	1302070003	46170	4405
1302090017	1302070002	49751	4883
1302090017	1302050010	80902	7563
1302090017	1302100017	13971	1656
1302090017	1302060006	69014	6702
1302090017	1302101003	35648	4104
1302090017	1302060008	72485	7053
1302090017	1302060007	65417	6221
1302090017	1302020011	146922	14496
1302090017	1302020010	150712	14792
1302090017	1302060004	74889	7172
1302090017	1302060005	73639	7279
1302090017	1302020015	145347	14280
1302090017	1302060003	72493	6873
1302090017	1302020017	137526	13481
1302090017	1302020016	143255	14013
1302090017	1302090001	10414	1304
1302090017	1302090003	1674	246
1302090017	1302090002	12840	1535
1302090017	1302090005	11513	1363
1302090017	1302090004	15895	1959
1302090017	1302090007	13355	1595
1302090017	1302090006	8183	955
1302090017	1302090009	4150	525
1302090017	1302060002	72769	7095
1302090017	1302070010	67986	7405
1302090017	1302040008	107083	10281
1302090017	1302040009	103577	9985
1302090017	1302070011	48286	4570
1302090017	1302040004	97862	9435
1302090017	1302040005	98357	9548
1302090017	1302040006	96934	9361
1302090017	1302040007	93723	8935
1302090017	1302100013	21135	2702
1302090017	1302040001	101616	9697
1302090017	1302040002	96311	9193

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090017	1302040003	98681	9567
1302090017	1302021010	151773	14927
1302090017	1302050009	78734	7410
1302090017	1302050008	82423	7774
1302090017	1302100009	19431	2245
1302090017	1302100008	16354	1918
1302090017	1302050005	83219	7851
1302090017	1302050004	90143	8666
1302090017	1302050007	86803	8293
1302090017	1302050006	89231	8556
1302090017	1302050001	90320	8626
1302090017	1302100002	20325	2622
1302090017	1302050003	88020	8270
1302090017	1302050002	85175	8045
1302090017	1302110008	49216	4493
1302090017	1302110009	48390	4592
1302090017	1302110006	38192	3615
1302090017	1302110007	66902	8044
1302090017	1302100014	41075	4979
1302090017	1302110005	28407	2826
1302090017	1302110002	24498	2534
1302090017	1302110003	23588	2424
1302090017	1302110001	20059	2083
1302090017	1302031009	111023	10787
1302090017	1302040013	103192	9909
1302090017	1302040012	108542	10648
1302090017	1302040011	108157	10435
1302090017	1302040010	103625	9998
1302090017	1302040016	97120	9143
1302090017	1302040015	102725	10084
1302090017	1302040014	106899	10385
1302090017	1302100015	11287	1513
1302090017	1302012010	174643	17175
1302090014	1302090015	665	75
1302090014	1302090018	1942	276
1302090014	1302090019	17700	2256

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090014	1302080001	28636	2911
1302090014	1302080002	32946	3496
1302090014	1302080003	37125	3566
1302090014	1302080004	33265	3279
1302090014	1302080005	29281	3096
1302090014	1302080006	31968	3383
1302090014	1302080007	33282	3565
1302090014	1302080008	35831	3924
1302090014	1302080009	38043	3725
1302090014	1302031010	110674	10710
1302090014	1302070009	61072	6306
1302090014	1302070008	54856	5315
1302090014	1302070007	53989	5183
1302090014	1302070006	49586	4730
1302090014	1302070005	50721	4811
1302090014	1302060009	75949	7694
1302090014	1302070003	44985	4223
1302090014	1302070002	48566	4701
1302090014	1302050010	79717	7381
1302090014	1302100017	12786	1475
1302090014	1302060006	67829	6521
1302090014	1302101003	34463	3923
1302090014	1302060008	71300	6872
1302090014	1302060007	64232	6039
1302090014	1302020011	145737	14314
1302090014	1302020010	149527	14610
1302090014	1302060004	73704	6991
1302090014	1302060005	72454	7097
1302090014	1302020015	144162	14098
1302090014	1302060003	71308	6692
1302090014	1302020017	136341	13300
1302090014	1302020016	142070	13831
1302090014	1302090001	9229	1123
1302090014	1302090003	268	30
1302090014	1302090002	11655	1354
1302090014	1302090005	10328	1182

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090014	1302090004	14710	1778
1302090014	1302090007	12170	1413
1302090014	1302090006	6998	773
1302090014	1302090009	2208	248
1302090014	1302060002	71584	6913
1302090014	1302070010	66801	7224
1302090014	1302040008	105898	10100
1302090014	1302040009	102392	9803
1302090014	1302070011	47101	4389
1302090014	1302040004	96677	9254
1302090014	1302040005	97172	9367
1302090014	1302040006	95749	9179
1302090014	1302040007	92538	8753
1302090014	1302100013	19950	2521
1302090014	1302040001	100431	9516
1302090014	1302040002	95126	9012
1302090014	1302040003	97496	9386
1302090014	1302021010	150588	14745
1302090014	1302050009	77549	7229
1302090014	1302050008	81238	7592
1302090014	1302100009	18246	2064
1302090014	1302100008	15169	1736
1302090014	1302050005	82034	7670
1302090014	1302050004	88958	8484
1302090014	1302050007	85618	8111
1302090014	1302050006	88046	8374
1302090014	1302050001	89135	8445
1302090014	1302100002	19140	2440
1302090014	1302050003	86835	8089
1302090014	1302050002	83990	7864
1302090014	1302110008	48031	4312
1302090014	1302110009	47205	4410
1302090014	1302110006	37007	3433
1302090014	1302110007	65718	7862
1302090014	1302100014	39890	4797
1302090014	1302110005	27222	2644

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090014	1302110002	23313	2352
1302090014	1302110003	22403	2242
1302090014	1302110001	18874	1902
1302090014	1302031009	109838	10606
1302090014	1302040013	102007	9728
1302090014	1302040012	107357	10467
1302090014	1302040011	106972	10253
1302090014	1302040010	102440	9816
1302090014	1302040016	95935	8961
1302090014	1302040015	101540	9903
1302090014	1302040014	105714	10204
1302090014	1302100015	10102	1331
1302090014	1302012010	173459	16994
1302090015	1302090018	2607	351
1302090015	1302090019	18365	2331
1302090015	1302080001	29301	2986
1302090015	1302080002	33611	3571
1302090015	1302080003	37790	3641
1302090015	1302080004	33930	3353
1302090015	1302080005	29946	3170
1302090015	1302080006	32633	3458
1302090015	1302080007	33947	3640
1302090015	1302080008	36496	3999
1302090015	1302080009	38708	3800
1302090015	1302031010	111340	10785
1302090015	1302070009	61737	6381
1302090015	1302070008	55521	5389
1302090015	1302070007	54654	5258
1302090015	1302070006	50251	4805
1302090015	1302070005	51386	4886
1302090015	1302060009	76615	7769
1302090015	1302070003	45650	4298
1302090015	1302070002	49231	4776
1302090015	1302050010	80382	7456
1302090015	1302100017	13451	1550
1302090015	1302060006	68494	6596



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090015	1302101003	35128	3998
1302090015	1302060008	71965	6947
1302090015	1302060007	64897	6114
1302090015	1302020011	146402	14389
1302090015	1302020010	150192	14685
1302090015	1302060004	74369	7065
1302090015	1302060005	73119	7172
1302090015	1302020015	144827	14173
1302090015	1302060003	71973	6767
1302090015	1302020017	137006	13375
1302090015	1302020016	142736	13906
1302090015	1302090001	9894	1197
1302090015	1302090003	933	105
1302090015	1302090002	12320	1429
1302090015	1302090005	10993	1257
1302090015	1302090004	15375	1852
1302090015	1302090007	12835	1488
1302090015	1302090006	7663	848
1302090015	1302090009	1542	174
1302090015	1302060002	72249	6988
1302090015	1302070010	67466	7299
1302090015	1302040008	106563	10175
1302090015	1302040009	103057	9878
1302090015	1302070011	47766	4464
1302090015	1302040004	97342	9328
1302090015	1302040005	97837	9442
1302090015	1302040006	96414	9254
1302090015	1302040007	93203	8828
1302090015	1302100013	20615	2596
1302090015	1302040001	101096	9590
1302090015	1302040002	95791	9087
1302090015	1302040003	98161	9461
1302090015	1302021010	151253	14820
1302090015	1302050009	78214	7304
1302090015	1302050008	81903	7667
1302090015	1302100009	18911	2139

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090015	1302100008	15834	1811
1302090015	1302050005	82699	7745
1302090015	1302050004	89623	8559
1302090015	1302050007	86283	8186
1302090015	1302050006	88711	8449
1302090015	1302050001	89800	8519
1302090015	1302100002	19805	2515
1302090015	1302050003	87500	8164
1302090015	1302050002	84655	7939
1302090015	1302110008	48697	4387
1302090015	1302110009	47870	4485
1302090015	1302110006	37672	3508
1302090015	1302110007	66383	7937
1302090015	1302100014	40555	4872
1302090015	1302110005	27887	2719
1302090015	1302110002	23978	2427
1302090015	1302110003	23068	2317
1302090015	1302110001	19540	1977
1302090015	1302031009	110503	10681
1302090015	1302040013	102672	9803
1302090015	1302040012	108022	10541
1302090015	1302040011	107637	10328
1302090015	1302040010	103105	9891
1302090015	1302040016	96600	9036
1302090015	1302040015	102205	9978
1302090015	1302040014	106379	10279
1302090015	1302100015	10767	1406
1302090015	1302012010	174124	17068
1302090018	1302090019	18885	2438
1302090018	1302080001	29821	3093
1302090018	1302080002	34131	3677
1302090018	1302080003	38310	3747
1302090018	1302080004	34450	3460
1302090018	1302080005	30466	3277
1302090018	1302080006	33153	3565
1302090018	1302080007	34467	3747

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090018	1302080008	37016	4106
1302090018	1302080009	39227	3906
1302090018	1302031010	111859	10892
1302090018	1302070009	62256	6487
1302090018	1302070008	56040	5496
1302090018	1302070007	55174	5365
1302090018	1302070006	50771	4911
1302090018	1302070005	51906	4992
1302090018	1302060009	77134	7876
1302090018	1302070003	46170	4405
1302090018	1302070002	49751	4883
1302090018	1302050010	80902	7563
1302090018	1302100017	13971	1656
1302090018	1302060006	69014	6702
1302090018	1302101003	35648	4104
1302090018	1302060008	72485	7053
1302090018	1302060007	65417	6221
1302090018	1302020011	146922	14496
1302090018	1302020010	150712	14792
1302090018	1302060004	74889	7172
1302090018	1302060005	73639	7279
1302090018	1302020015	145347	14280
1302090018	1302060003	72493	6873
1302090018	1302020017	137526	13481
1302090018	1302020016	143255	14013
1302090018	1302090001	10414	1304
1302090018	1302090003	1674	246
1302090018	1302090002	12840	1535
1302090018	1302090005	11513	1363
1302090018	1302090004	15895	1959
1302090018	1302090007	13355	1595
1302090018	1302090006	8183	955
1302090018	1302090009	4150	525
1302090018	1302060002	72769	7095
1302090018	1302070010	67986	7405
1302090018	1302040008	107083	10281

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090018	1302040009	103577	9985
1302090018	1302070011	48286	4570
1302090018	1302040004	97862	9435
1302090018	1302040005	98357	9548
1302090018	1302040006	96934	9361
1302090018	1302040007	93723	8935
1302090018	1302100013	21135	2702
1302090018	1302040001	101616	9697
1302090018	1302040002	96311	9193
1302090018	1302040003	98681	9567
1302090018	1302021010	151773	14927
1302090018	1302050009	78734	7410
1302090018	1302050008	82423	7774
1302090018	1302100009	19431	2245
1302090018	1302100008	16354	1918
1302090018	1302050005	83219	7851
1302090018	1302050004	90143	8666
1302090018	1302050007	86803	8293
1302090018	1302050006	89231	8556
1302090018	1302050001	90320	8626
1302090018	1302100002	20325	2622
1302090018	1302050003	88020	8270
1302090018	1302050002	85175	8045
1302090018	1302110008	49216	4493
1302090018	1302110009	48390	4592
1302090018	1302110006	38192	3615
1302090018	1302110007	66902	8044
1302090018	1302100014	41075	4979
1302090018	1302110005	28407	2826
1302090018	1302110002	24498	2534
1302090018	1302110003	23588	2424
1302090018	1302110001	20059	2083
1302090018	1302031009	111023	10787
1302090018	1302040013	103192	9909
1302090018	1302040012	108542	10648
1302090018	1302040011	108157	10435

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090018	1302040010	103625	9998
1302090018	1302040016	97120	9143
1302090018	1302040015	102725	10084
1302090018	1302040014	106899	10385
1302090018	1302100015	11287	1513
1302090018	1302012010	174643	17175
1302090019	1302080001	27057	3044
1302090019	1302080002	31367	3629
1302090019	1302080003	35547	3699
1302090019	1302080004	31686	3412
1302090019	1302080005	27702	3229
1302090019	1302080006	30389	3517
1302090019	1302080007	31703	3698
1302090019	1302080008	34253	4058
1302090019	1302080009	36464	3858
1302090019	1302031010	109096	10844
1302090019	1302070009	59493	6439
1302090019	1302070008	53277	5448
1302090019	1302070007	52410	5316
1302090019	1302070006	48007	4863
1302090019	1302070005	49143	4944
1302090019	1302060009	74371	7828
1302090019	1302070003	43406	4356
1302090019	1302070002	46987	4835
1302090019	1302050010	78138	7515
1302090019	1302100017	18538	2253
1302090019	1302060006	66250	6654
1302090019	1302101003	43198	4688
1302090019	1302060008	69722	7005
1302090019	1302060007	62653	6172
1302090019	1302020011	144158	14447
1302090019	1302020010	147948	14744
1302090019	1302060004	72125	7124
1302090019	1302060005	70875	7230
1302090019	1302020015	142583	14232
1302090019	1302060003	69729	6825

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090019	1302020017	134762	13433
1302090019	1302020016	140492	13964
1302090019	1302090001	9353	1385
1302090019	1302090003	17771	2358
1302090019	1302090002	10076	1487
1302090019	1302090005	7696	1133
1302090019	1302090004	2990	478
1302090019	1302090007	10592	1547
1302090019	1302090006	13405	1790
1302090019	1302090009	20247	2637
1302090019	1302060002	70005	7046
1302090019	1302070010	65222	7357
1302090019	1302040008	104320	10233
1302090019	1302040009	100813	9937
1302090019	1302070011	45522	4522
1302090019	1302040004	95098	9387
1302090019	1302040005	95593	9500
1302090019	1302040006	94170	9313
1302090019	1302040007	90959	8887
1302090019	1302100013	28684	3286
1302090019	1302040001	98852	9649
1302090019	1302040002	93547	9145
1302090019	1302040003	95918	9519
1302090019	1302021010	149009	14878
1302090019	1302050009	75970	7362
1302090019	1302050008	79659	7726
1302090019	1302100009	23999	2842
1302090019	1302100008	20921	2514
1302090019	1302050005	80456	7803
1302090019	1302050004	87380	8617
1302090019	1302050007	84039	8245
1302090019	1302050006	86467	8507
1302090019	1302050001	87556	8578
1302090019	1302100002	27875	3205
1302090019	1302050003	85256	8222
1302090019	1302050002	82411	7997

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090019	1302110008	53784	5090
1302090019	1302110009	52957	5189
1302090019	1302110006	42759	4212
1302090019	1302110007	71470	8640
1302090019	1302100014	48624	5562
1302090019	1302110005	32974	3422
1302090019	1302110002	29065	3130
1302090019	1302110003	28155	3020
1302090019	1302110001	24627	2680
1302090019	1302031009	108259	10739
1302090019	1302040013	100428	9861
1302090019	1302040012	105778	10600
1302090019	1302040011	105393	10387
1302090019	1302040010	100861	9950
1302090019	1302040016	94356	9095
1302090019	1302040015	99961	10036
1302090019	1302040014	104135	10337
1302090019	1302100015	15878	2183
1302090019	1302012010	171880	17127
1302080001	1302080002	5047	687
1302080001	1302080003	8562	693
1302080001	1302080004	4701	405
1302080001	1302080005	1292	269
1302080001	1302080006	4069	575
1302080001	1302080007	5383	756
1302080001	1302080008	7932	1116
1302080001	1302080009	9479	852
1302080001	1302031010	82111	7837
1302080001	1302070009	32508	3433
1302080001	1302070008	26292	2442
1302080001	1302070007	25425	2310
1302080001	1302070006	21022	1857
1302080001	1302070005	22158	1938
1302080001	1302060009	47386	4821
1302080001	1302070003	16421	1350
1302080001	1302070002	20002	1828

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080001	1302050010	51153	4508
1302080001	1302100017	29475	2886
1302080001	1302060006	39266	3648
1302080001	1302101003	54135	5320
1302080001	1302060008	42737	3999
1302080001	1302060007	35668	3166
1302080001	1302020011	117174	11441
1302080001	1302020010	120964	11737
1302080001	1302060004	45141	4117
1302080001	1302060005	43890	4224
1302080001	1302020015	115598	11225
1302080001	1302060003	42744	3819
1302080001	1302020017	107777	10427
1302080001	1302020016	113507	10958
1302080001	1302090001	20290	2018
1302080001	1302090003	28709	2991
1302080001	1302090002	17303	1699
1302080001	1302090005	19687	2034
1302080001	1302090004	24467	2579
1302080001	1302090007	17683	1759
1302080001	1302090006	24343	2422
1302080001	1302090009	31185	3270
1302080001	1302060002	43021	4040
1302080001	1302070010	38237	4351
1302080001	1302040008	77335	7227
1302080001	1302040009	73828	6930
1302080001	1302070011	18537	1516
1302080001	1302040004	68113	6380
1302080001	1302040005	68608	6494
1302080001	1302040006	67185	6306
1302080001	1302040007	63974	5880
1302080001	1302100013	39621	3918
1302080001	1302040001	71867	6642
1302080001	1302040002	66562	6139
1302080001	1302040003	68933	6513
1302080001	1302021010	122024	11872



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080001	1302050009	48985	4356
1302080001	1302050008	52675	4719
1302080001	1302100009	34936	3475
1302080001	1302100008	31859	3147
1302080001	1302050005	53471	4797
1302080001	1302050004	60395	5611
1302080001	1302050007	57055	5238
1302080001	1302050006	59482	5501
1302080001	1302050001	60571	5571
1302080001	1302100002	38812	3837
1302080001	1302050003	58271	5216
1302080001	1302050002	55426	4991
1302080001	1302110008	64721	5723
1302080001	1302110009	63894	5821
1302080001	1302110006	53696	4844
1302080001	1302110007	82407	9273
1302080001	1302100014	59561	6195
1302080001	1302110005	43912	4055
1302080001	1302110002	40003	3763
1302080001	1302110003	39093	3653
1302080001	1302110001	35564	3313
1302080001	1302031009	81275	7733
1302080001	1302040013	73443	6855
1302080001	1302040012	78793	7593
1302080001	1302040011	78409	7380
1302080001	1302040010	73876	6943
1302080001	1302040016	67371	6088
1302080001	1302040015	72976	7030
1302080001	1302040014	77150	7331
1302080001	1302100015	26815	2816
1302080001	1302012010	144895	14120
1302080002	1302080003	13642	1363
1302080002	1302080004	9781	1076
1302080002	1302080005	6058	903
1302080002	1302080006	3391	450
1302080002	1302080007	2246	296

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080002	1302080008	2885	428
1302080002	1302080009	14559	1522
1302080002	1302031010	87191	8508
1302080002	1302070009	37588	4104
1302080002	1302070008	31372	3112
1302080002	1302070007	30506	2981
1302080002	1302070006	26102	2527
1302080002	1302070005	27238	2608
1302080002	1302060009	52466	5492
1302080002	1302070003	21502	2021
1302080002	1302070002	25082	2499
1302080002	1302050010	56234	5179
1302080002	1302100017	33785	3476
1302080002	1302060006	44346	4318
1302080002	1302101003	58445	5911
1302080002	1302060008	47817	4669
1302080002	1302060007	40749	3837
1302080002	1302020011	122254	12112
1302080002	1302020010	126044	12408
1302080002	1302060004	50221	4788
1302080002	1302060005	48970	4895
1302080002	1302020015	120679	11896
1302080002	1302060003	47824	4489
1302080002	1302020017	112857	11097
1302080002	1302020016	118587	11629
1302080002	1302090001	24600	2608
1302080002	1302090003	33019	3581
1302080002	1302090002	21613	2289
1302080002	1302090005	23997	2624
1302080002	1302090004	28777	3169
1302080002	1302090007	21993	2349
1302080002	1302090006	28653	3013
1302080002	1302090009	35495	3860
1302080002	1302060002	48101	4711
1302080002	1302070010	43318	5021
1302080002	1302040008	82415	7897

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080002	1302040009	78909	7601
1302080002	1302070011	23618	2186
1302080002	1302040004	73194	7051
1302080002	1302040005	73688	7164
1302080002	1302040006	72266	6977
1302080002	1302040007	69055	6551
1302080002	1302100013	43931	4509
1302080002	1302040001	76948	7313
1302080002	1302040002	71642	6810
1302080002	1302040003	74013	7183
1302080002	1302021010	127105	12543
1302080002	1302050009	54066	5026
1302080002	1302050008	57755	5390
1302080002	1302100009	39246	4065
1302080002	1302100008	36169	3737
1302080002	1302050005	58551	5467
1302080002	1302050004	65475	6282
1302080002	1302050007	62135	5909
1302080002	1302050006	64563	6172
1302080002	1302050001	65652	6242
1302080002	1302100002	43122	4428
1302080002	1302050003	63352	5886
1302080002	1302050002	60507	5661
1302080002	1302110008	69031	6313
1302080002	1302110009	68204	6411
1302080002	1302110006	58006	5435
1302080002	1302110007	86717	9863
1302080002	1302100014	63872	6785
1302080002	1302110005	48222	4645
1302080002	1302110002	44313	4353
1302080002	1302110003	43403	4243
1302080002	1302110001	39874	3903
1302080002	1302031009	86355	8403
1302080002	1302040013	78523	7525
1302080002	1302040012	83874	8264
1302080002	1302040011	83489	8051

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080002	1302040010	78957	7614
1302080002	1302040016	72452	6759
1302080002	1302040015	78057	7700
1302080002	1302040014	82231	8001
1302080002	1302100015	31125	3406
1302080002	1302012010	149975	14791
1302080003	1302080004	3861	284
1302080003	1302080005	9716	839
1302080003	1302080006	12664	1249
1302080003	1302080007	13978	1431
1302080003	1302080008	16527	1790
1302080003	1302080009	1729	231
1302080003	1302031010	73549	7144
1302080003	1302070009	23946	2740
1302080003	1302070008	17730	1749
1302080003	1302070007	16864	1617
1302080003	1302070006	12460	1164
1302080003	1302070005	13596	1245
1302080003	1302060009	38824	4129
1302080003	1302070003	7860	657
1302080003	1302070002	11440	1135
1302080003	1302050010	42592	3815
1302080003	1302100017	37964	3458
1302080003	1302060006	30704	2955
1302080003	1302101003	62624	5893
1302080003	1302060008	34175	3306
1302080003	1302060007	27107	2473
1302080003	1302020011	108612	10748
1302080003	1302020010	112402	11045
1302080003	1302060004	36579	3425
1302080003	1302060005	35328	3531
1302080003	1302020015	107037	10533
1302080003	1302060003	34182	3126
1302080003	1302020017	99215	9734
1302080003	1302020016	104945	10265
1302080003	1302090001	28779	2590

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080003	1302090003	37198	3564
1302080003	1302090002	25792	2271
1302080003	1302090005	28176	2607
1302080003	1302090004	32957	3151
1302080003	1302090007	26173	2331
1302080003	1302090006	32832	2995
1302080003	1302090009	39674	3842
1302080003	1302060002	34459	3347
1302080003	1302070010	29675	3658
1302080003	1302040008	68773	6534
1302080003	1302040009	65267	6238
1302080003	1302070011	9976	823
1302080003	1302040004	59552	5688
1302080003	1302040005	60046	5801
1302080003	1302040006	58624	5614
1302080003	1302040007	55413	5187
1302080003	1302100013	48111	4491
1302080003	1302040001	63305	5950
1302080003	1302040002	58000	5446
1302080003	1302040003	60371	5820
1302080003	1302021010	113462	11179
1302080003	1302050009	40424	3663
1302080003	1302050008	44113	4027
1302080003	1302100009	43425	4048
1302080003	1302100008	40348	3720
1302080003	1302050005	44909	4104
1302080003	1302050004	51833	4918
1302080003	1302050007	48493	4545
1302080003	1302050006	50921	4808
1302080003	1302050001	52010	4879
1302080003	1302100002	47301	4410
1302080003	1302050003	49709	4523
1302080003	1302050002	46865	4298
1302080003	1302110008	73210	6295
1302080003	1302110009	72383	6394
1302080003	1302110006	62185	5417

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080003	1302110007	90896	9846
1302080003	1302100014	68051	6767
1302080003	1302110005	52401	4628
1302080003	1302110002	48492	4336
1302080003	1302110003	47582	4226
1302080003	1302110001	44053	3885
1302080003	1302031009	72713	7040
1302080003	1302040013	64881	6162
1302080003	1302040012	70231	6901
1302080003	1302040011	69847	6688
1302080003	1302040010	65315	6250
1302080003	1302040016	58810	5396
1302080003	1302040015	64415	6337
1302080003	1302040014	68588	6638
1302080003	1302100015	35305	3389
1302080003	1302012010	136333	13428
1302080004	1302080005	5855	555
1302080004	1302080006	8803	965
1302080004	1302080007	10117	1147
1302080004	1302080008	12667	1506
1302080004	1302080009	4778	446
1302080004	1302031010	77410	7432
1302080004	1302070009	27807	3027
1302080004	1302070008	21591	2036
1302080004	1302070007	20724	1905
1302080004	1302070006	16321	1451
1302080004	1302070005	17457	1532
1302080004	1302060009	42685	4416
1302080004	1302070003	11720	945
1302080004	1302070002	15301	1423
1302080004	1302050010	46452	4103
1302080004	1302100017	34104	3174
1302080004	1302060006	34564	3242
1302080004	1302101003	58763	5609
1302080004	1302060008	38036	3593
1302080004	1302060007	30967	2760

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080004	1302020011	112472	11035
1302080004	1302020010	116262	11332
1302080004	1302060004	40439	3712
1302080004	1302060005	39189	3819
1302080004	1302020015	110897	10820
1302080004	1302060003	38043	3413
1302080004	1302020017	103076	10021
1302080004	1302020016	108806	10553
1302080004	1302090001	24919	2306
1302080004	1302090003	33337	3280
1302080004	1302090002	21932	1987
1302080004	1302090005	24315	2323
1302080004	1302090004	29096	2868
1302080004	1302090007	22312	2048
1302080004	1302090006	28971	2711
1302080004	1302090009	35813	3558
1302080004	1302060002	38320	3634
1302080004	1302070010	33536	3945
1302080004	1302040008	72634	6821
1302080004	1302040009	69127	6525
1302080004	1302070011	13836	1110
1302080004	1302040004	63412	5975
1302080004	1302040005	63907	6088
1302080004	1302040006	62484	5901
1302080004	1302040007	59273	5475
1302080004	1302100013	44250	4207
1302080004	1302040001	67166	6237
1302080004	1302040002	61861	5733
1302080004	1302040003	64232	6107
1302080004	1302021010	117323	11467
1302080004	1302050009	44284	3950
1302080004	1302050008	47974	4314
1302080004	1302100009	39564	3764
1302080004	1302100008	36487	3436
1302080004	1302050005	48770	4391
1302080004	1302050004	55694	5205

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080004	1302050007	52354	4833
1302080004	1302050006	54781	5096
1302080004	1302050001	55870	5166
1302080004	1302100002	43440	4126
1302080004	1302050003	53570	4810
1302080004	1302050002	50725	4585
1302080004	1302110008	69349	6011
1302080004	1302110009	68523	6110
1302080004	1302110006	58325	5133
1302080004	1302110007	87036	9562
1302080004	1302100014	64190	6483
1302080004	1302110005	48540	4344
1302080004	1302110002	44631	4052
1302080004	1302110003	43721	3942
1302080004	1302110001	40192	3601
1302080004	1302031009	76574	7327
1302080004	1302040013	68742	6449
1302080004	1302040012	74092	7188
1302080004	1302040011	73708	6975
1302080004	1302040010	69175	6538
1302080004	1302040016	62670	5683
1302080004	1302040015	68275	6624
1302080004	1302040014	72449	6925
1302080004	1302100015	31444	3105
1302080004	1302012010	140194	13715
1302080005	1302080006	5080	794
1302080005	1302080007	6394	976
1302080005	1302080008	8943	1335
1302080005	1302080009	10633	1086
1302080005	1302031010	83265	8071
1302080005	1302070009	33662	3667
1302080005	1302070008	27446	2675
1302080005	1302070007	26580	2544
1302080005	1302070006	22176	2091
1302080005	1302070005	23312	2172
1302080005	1302060009	48540	5055



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080005	1302070003	17576	1584
1302080005	1302070002	21156	2062
1302080005	1302050010	52308	4742
1302080005	1302100017	30120	2985
1302080005	1302060006	40420	3882
1302080005	1302101003	54780	5420
1302080005	1302060008	43891	4233
1302080005	1302060007	36823	3400
1302080005	1302020011	118328	11675
1302080005	1302020010	122118	11971
1302080005	1302060004	46295	4351
1302080005	1302060005	45044	4458
1302080005	1302020015	116753	11459
1302080005	1302060003	43898	4053
1302080005	1302020017	108931	10661
1302080005	1302020016	114661	11192
1302080005	1302090001	20935	2117
1302080005	1302090003	29354	3091
1302080005	1302090002	17948	1798
1302080005	1302090005	20332	2134
1302080005	1302090004	25112	2678
1302080005	1302090007	18328	1859
1302080005	1302090006	24987	2522
1302080005	1302090009	31829	3369
1302080005	1302060002	44175	4274
1302080005	1302070010	39392	4584
1302080005	1302040008	78489	7461
1302080005	1302040009	74983	7164
1302080005	1302070011	19692	1750
1302080005	1302040004	69268	6614
1302080005	1302040005	69762	6727
1302080005	1302040006	68340	6540
1302080005	1302040007	65129	6114
1302080005	1302100013	40266	4018
1302080005	1302040001	73022	6876
1302080005	1302040002	67716	6373

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080005	1302040003	70087	6747
1302080005	1302021010	123179	12106
1302080005	1302050009	50140	4590
1302080005	1302050008	53829	4953
1302080005	1302100009	35581	3575
1302080005	1302100008	32503	3247
1302080005	1302050005	54625	5031
1302080005	1302050004	61549	5845
1302080005	1302050007	58209	5472
1302080005	1302050006	60637	5735
1302080005	1302050001	61726	5805
1302080005	1302100002	39457	3937
1302080005	1302050003	59426	5450
1302080005	1302050002	56581	5225
1302080005	1302110008	65366	5822
1302080005	1302110009	64539	5921
1302080005	1302110006	54341	4944
1302080005	1302110007	83052	9373
1302080005	1302100014	60206	6294
1302080005	1302110005	44556	4155
1302080005	1302110002	40647	3863
1302080005	1302110003	39737	3753
1302080005	1302110001	36209	3412
1302080005	1302031009	82429	7967
1302080005	1302040013	74597	7089
1302080005	1302040012	79948	7827
1302080005	1302040011	79563	7614
1302080005	1302040010	75031	7177
1302080005	1302040016	68526	6322
1302080005	1302040015	74131	7264
1302080005	1302040014	78305	7564
1302080005	1302100015	27460	2916
1302080005	1302012010	146049	14354
1302080006	1302080007	1314	182
1302080006	1302080008	5460	772
1302080006	1302080009	13581	1405

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080006	1302031010	86213	8391
1302080006	1302070009	36610	3986
1302080006	1302070008	30394	2995
1302080006	1302070007	29528	2864
1302080006	1302070006	25124	2410
1302080006	1302070005	26260	2491
1302080006	1302060009	51488	5375
1302080006	1302070003	20524	1904
1302080006	1302070002	24105	2382
1302080006	1302050010	55256	5062
1302080006	1302100017	32807	3359
1302080006	1302060006	43368	4201
1302080006	1302101003	57467	5793
1302080006	1302060008	46839	4552
1302080006	1302060007	39771	3719
1302080006	1302020011	121276	11994
1302080006	1302020010	125066	12291
1302080006	1302060004	49243	4671
1302080006	1302060005	47993	4778
1302080006	1302020015	119701	11779
1302080006	1302060003	46847	4372
1302080006	1302020017	111879	10980
1302080006	1302020016	117609	11512
1302080006	1302090001	23622	2491
1302080006	1302090003	32041	3464
1302080006	1302090002	20635	2172
1302080006	1302090005	23019	2507
1302080006	1302090004	27799	3052
1302080006	1302090007	21015	2232
1302080006	1302090006	27675	2895
1302080006	1302090009	34517	3743
1302080006	1302060002	47123	4593
1302080006	1302070010	42340	4904
1302080006	1302040008	81437	7780
1302080006	1302040009	77931	7484
1302080006	1302070011	22640	2069

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080006	1302040004	72216	6934
1302080006	1302040005	72711	7047
1302080006	1302040006	71288	6860
1302080006	1302040007	68077	6434
1302080006	1302100013	42953	4391
1302080006	1302040001	75970	7196
1302080006	1302040002	70664	6692
1302080006	1302040003	73035	7066
1302080006	1302021010	126127	12426
1302080006	1302050009	53088	4909
1302080006	1302050008	56777	5273
1302080006	1302100009	38268	3948
1302080006	1302100008	35191	3620
1302080006	1302050005	57573	5350
1302080006	1302050004	64497	6164
1302080006	1302050007	61157	5792
1302080006	1302050006	63585	6055
1302080006	1302050001	64674	6125
1302080006	1302100002	42144	4310
1302080006	1302050003	62374	5769
1302080006	1302050002	59529	5544
1302080006	1302110008	68053	6196
1302080006	1302110009	67226	6294
1302080006	1302110006	57028	5317
1302080006	1302110007	85739	9746
1302080006	1302100014	62894	6668
1302080006	1302110005	47244	4528
1302080006	1302110002	43335	4236
1302080006	1302110003	42425	4126
1302080006	1302110001	38896	3786
1302080006	1302031009	85377	8286
1302080006	1302040013	77545	7408
1302080006	1302040012	82896	8147
1302080006	1302040011	82511	7934
1302080006	1302040010	77979	7497
1302080006	1302040016	71474	6642

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080006	1302040015	77079	7583
1302080006	1302040014	81253	7884
1302080006	1302100015	30147	3289
1302080006	1302012010	148997	14674
1302080007	1302080008	4316	624
1302080007	1302080009	14895	1588
1302080007	1302031010	87527	8574
1302080007	1302070009	37924	4169
1302080007	1302070008	31708	3178
1302080007	1302070007	30841	3047
1302080007	1302070006	26438	2593
1302080007	1302070005	27574	2674
1302080007	1302060009	52802	5558
1302080007	1302070003	21837	2087
1302080007	1302070002	25418	2565
1302080007	1302050010	56569	5245
1302080007	1302100017	34121	3542
1302080007	1302060006	44682	4384
1302080007	1302101003	58781	5976
1302080007	1302060008	48153	4735
1302080007	1302060007	41084	3903
1302080007	1302020011	122590	12178
1302080007	1302020010	126380	12474
1302080007	1302060004	50557	4854
1302080007	1302060005	49306	4961
1302080007	1302020015	121014	11962
1302080007	1302060003	48160	4555
1302080007	1302020017	113193	11163
1302080007	1302020016	118923	11695
1302080007	1302090001	24936	2674
1302080007	1302090003	33355	3647
1302080007	1302090002	21949	2355
1302080007	1302090005	24333	2690
1302080007	1302090004	29113	3235
1302080007	1302090007	22329	2415
1302080007	1302090006	28988	3078

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080007	1302090009	35830	3926
1302080007	1302060002	48437	4777
1302080007	1302070010	43653	5087
1302080007	1302040008	82751	7963
1302080007	1302040009	79244	7667
1302080007	1302070011	23953	2252
1302080007	1302040004	73530	7117
1302080007	1302040005	74024	7230
1302080007	1302040006	72601	7043
1302080007	1302040007	69390	6617
1302080007	1302100013	44267	4574
1302080007	1302040001	77283	7379
1302080007	1302040002	71978	6875
1302080007	1302040003	74349	7249
1302080007	1302021010	127440	12609
1302080007	1302050009	54402	5092
1302080007	1302050008	58091	5456
1302080007	1302100009	39582	4131
1302080007	1302100008	36504	3803
1302080007	1302050005	58887	5533
1302080007	1302050004	65811	6348
1302080007	1302050007	62471	5975
1302080007	1302050006	64898	6238
1302080007	1302050001	65987	6308
1302080007	1302100002	43458	4494
1302080007	1302050003	63687	5952
1302080007	1302050002	60843	5727
1302080007	1302110008	69367	6379
1302080007	1302110009	68540	6477
1302080007	1302110006	58342	5500
1302080007	1302110007	87053	9929
1302080007	1302100014	64207	6851
1302080007	1302110005	48557	4711
1302080007	1302110002	44648	4419
1302080007	1302110003	43738	4309
1302080007	1302110001	40210	3969

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080007	1302031009	86691	8469
1302080007	1302040013	78859	7591
1302080007	1302040012	84209	8330
1302080007	1302040011	83825	8117
1302080007	1302040010	79292	7680
1302080007	1302040016	72788	6825
1302080007	1302040015	78392	7766
1302080007	1302040014	82566	8067
1302080007	1302100015	31461	3472
1302080007	1302012010	150311	14857
1302080008	1302080009	17444	1957
1302080008	1302031010	90076	8943
1302080008	1302070009	40474	4538
1302080008	1302070008	34257	3547
1302080008	1302070007	33391	3416
1302080008	1302070006	28988	2962
1302080008	1302070005	30123	3043
1302080008	1302060009	55351	5927
1302080008	1302070003	24387	2456
1302080008	1302070002	27968	2934
1302080008	1302050010	59119	5614
1302080008	1302100017	36670	3911
1302080008	1302060006	47231	4753
1302080008	1302101003	61330	6345
1302080008	1302060008	50702	5104
1302080008	1302060007	43634	4271
1302080008	1302020011	125139	12546
1302080008	1302020010	128929	12843
1302080008	1302060004	53106	5223
1302080008	1302060005	51856	5330
1302080008	1302020015	123564	12331
1302080008	1302060003	50710	4924
1302080008	1302020017	115743	11532
1302080008	1302020016	121472	12064
1302080008	1302090001	27485	3043
1302080008	1302090003	35904	4016

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080008	1302090002	24498	2724
1302080008	1302090005	26882	3059
1302080008	1302090004	31663	3604
1302080008	1302090007	24879	2784
1302080008	1302090006	31538	3447
1302080008	1302090009	38380	4295
1302080008	1302060002	50986	5145
1302080008	1302070010	46203	5456
1302080008	1302040008	85300	8332
1302080008	1302040009	81794	8036
1302080008	1302070011	26503	2621
1302080008	1302040004	76079	7486
1302080008	1302040005	76574	7599
1302080008	1302040006	75151	7412
1302080008	1302040007	71940	6986
1302080008	1302100013	46817	4943
1302080008	1302040001	79833	7748
1302080008	1302040002	74528	7244
1302080008	1302040003	76898	7618
1302080008	1302021010	129990	12978
1302080008	1302050009	56951	5461
1302080008	1302050008	60640	5825
1302080008	1302100009	42131	4500
1302080008	1302100008	39054	4172
1302080008	1302050005	61436	5902
1302080008	1302050004	68360	6716
1302080008	1302050007	65020	6344
1302080008	1302050006	67448	6607
1302080008	1302050001	68537	6677
1302080008	1302100002	46007	4862
1302080008	1302050003	66237	6321
1302080008	1302050002	63392	6096
1302080008	1302110008	71916	6748
1302080008	1302110009	71089	6846
1302080008	1302110006	60891	5869
1302080008	1302110007	89602	10298



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080008	1302100014	66757	7220
1302080008	1302110005	51107	5080
1302080008	1302110002	47198	4788
1302080008	1302110003	46288	4678
1302080008	1302110001	42759	4338
1302080008	1302031009	89240	8838
1302080008	1302040013	81409	7960
1302080008	1302040012	86759	8699
1302080008	1302040011	86374	8486
1302080008	1302040010	81842	8049
1302080008	1302040016	75337	7194
1302080008	1302040015	80942	8135
1302080008	1302040014	85116	8436
1302080008	1302100015	34011	3841
1302080008	1302012010	152860	15226
1302080009	1302031010	74156	7324
1302080009	1302070009	24553	2920
1302080009	1302070008	18337	1929
1302080009	1302070007	17470	1797
1302080009	1302070006	13067	1344
1302080009	1302070005	14203	1425
1302080009	1302060009	39431	4309
1302080009	1302070003	8466	837
1302080009	1302070002	12047	1315
1302080009	1302050010	43198	3995
1302080009	1302100017	38881	3688
1302080009	1302060006	31310	3135
1302080009	1302101003	63541	6123
1302080009	1302060008	34782	3486
1302080009	1302060007	27713	2653
1302080009	1302020011	109218	10928
1302080009	1302020010	113008	11225
1302080009	1302060004	37185	3605
1302080009	1302060005	35935	3711
1302080009	1302020015	107643	10713
1302080009	1302060003	34789	3306

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080009	1302020017	99822	9914
1302080009	1302020016	105552	10445
1302080009	1302090001	29696	2820
1302080009	1302090003	38115	3793
1302080009	1302090002	26710	2501
1302080009	1302090005	29093	2836
1302080009	1302090004	33874	3381
1302080009	1302090007	27090	2561
1302080009	1302090006	33749	3225
1302080009	1302090009	40591	4072
1302080009	1302060002	35065	3527
1302080009	1302070010	30282	3838
1302080009	1302040008	69380	6714
1302080009	1302040009	65873	6418
1302080009	1302070011	10582	1003
1302080009	1302040004	60158	5868
1302080009	1302040005	60653	5981
1302080009	1302040006	59230	5794
1302080009	1302040007	56019	5367
1302080009	1302100013	49028	4721
1302080009	1302040001	63912	6130
1302080009	1302040002	58607	5626
1302080009	1302040003	60978	6000
1302080009	1302021010	114069	11359
1302080009	1302050009	41030	3843
1302080009	1302050008	44720	4207
1302080009	1302100009	44342	4277
1302080009	1302100008	41265	3949
1302080009	1302050005	45516	4284
1302080009	1302050004	52440	5098
1302080009	1302050007	49100	4725
1302080009	1302050006	51527	4988
1302080009	1302050001	52616	5059
1302080009	1302100002	48218	4640
1302080009	1302050003	50316	4703
1302080009	1302050002	47471	4478

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302080009	1302110008	74127	6525
1302080009	1302110009	73301	6624
1302080009	1302110006	63102	5647
1302080009	1302110007	91813	10076
1302080009	1302100014	68968	6997
1302080009	1302110005	53318	4857
1302080009	1302110002	49409	4565
1302080009	1302110003	48499	4455
1302080009	1302110001	44970	4115
1302080009	1302031009	73320	7220
1302080009	1302040013	65488	6342
1302080009	1302040012	70838	7081
1302080009	1302040011	70454	6868
1302080009	1302040010	65921	6430
1302080009	1302040016	59416	5576
1302080009	1302040015	65021	6517
1302080009	1302040014	69195	6818
1302080009	1302100015	36222	3619
1302080009	1302012010	136940	13608
1302031010	1302070009	72971	7727
1302031010	1302070008	66755	6736
1302031010	1302070007	65889	6604
1302031010	1302070006	63698	6373
1302031010	1302070005	62621	6232
1302031010	1302060009	48884	5381
1302031010	1302070003	65689	6372
1302031010	1302070002	63896	6364
1302031010	1302050010	36649	3892
1302031010	1302100017	111513	10481
1302031010	1302060006	44425	4584
1302031010	1302101003	136173	12915
1302031010	1302060008	52758	5401
1302031010	1302060007	46505	4633
1302031010	1302020011	34965	3714
1302031010	1302020010	38755	4010
1302031010	1302060004	42865	4467

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031010	1302060005	44766	4706
1302031010	1302020015	33390	3498
1302031010	1302060003	39367	3934
1302031010	1302020017	25568	2700
1302031010	1302020016	31298	3231
1302031010	1302090001	102328	9612
1302031010	1302090003	110747	10586
1302031010	1302090002	99342	9294
1302031010	1302090005	101725	9629
1302031010	1302090004	106506	10174
1302031010	1302090007	99722	9354
1302031010	1302090006	106381	10017
1302031010	1302090009	113223	10864
1302031010	1302060002	53042	5442
1302031010	1302070010	78700	8645
1302031010	1302040008	10430	1085
1302031010	1302040009	10572	1176
1302031010	1302070011	63574	6209
1302031010	1302040004	15912	2008
1302031010	1302040005	22328	2708
1302031010	1302040006	20905	2521
1302031010	1302040007	17224	2008
1302031010	1302100013	121660	11513
1302031010	1302040001	10244	1195
1302031010	1302040002	14637	1753
1302031010	1302040003	16731	2140
1302031010	1302021010	39816	4145
1302031010	1302050009	33270	3447
1302031010	1302050008	30865	3392
1302031010	1302100009	116974	11070
1302031010	1302100008	113897	10742
1302031010	1302050005	27728	3021
1302031010	1302050004	23039	2588
1302031010	1302050007	28548	3322
1302031010	1302050006	26798	3099
1302031010	1302050001	20627	2317

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302031010	1302100002	120850	11432
1302031010	1302050003	23863	2573
1302031010	1302050002	28007	3182
1302031010	1302110008	146759	13318
1302031010	1302110009	145933	13416
1302031010	1302110006	135734	12439
1302031010	1302110007	164445	16868
1302031010	1302100014	141600	13790
1302031010	1302110005	125950	11650
1302031010	1302110002	122041	11358
1302031010	1302110003	121131	11248
1302031010	1302110001	117602	10908
1302031010	1302031009	818	101
1302031010	1302040013	9799	1157
1302031010	1302040012	12420	1534
1302031010	1302040011	3702	457
1302031010	1302040010	8578	949
1302031010	1302040016	16628	1883
1302031010	1302040015	15105	2026
1302031010	1302040014	10777	1271
1302031010	1302100015	108854	10411
1302031010	1302012010	62686	6393
1302070009	1302070008	6216	998
1302070009	1302070007	7215	1156
1302070009	1302070006	12804	1913
1302070009	1302070005	10383	1568
1302070009	1302060009	38246	4821
1302070009	1302070003	16087	2162
1302070009	1302070002	13669	2021
1302070009	1302050010	42014	4508
1302070009	1302100017	61911	6270
1302070009	1302060006	30126	3648
1302070009	1302101003	86570	8705
1302070009	1302060008	33597	3999
1302070009	1302060007	26529	3166
1302070009	1302020011	108034	11441

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070009	1302020010	111824	11737
1302070009	1302060004	36001	4117
1302070009	1302060005	34750	4224
1302070009	1302020015	106459	11225
1302070009	1302060003	33604	3819
1302070009	1302020017	98637	10427
1302070009	1302020016	104367	10958
1302070009	1302090001	52726	5402
1302070009	1302090003	61144	6376
1302070009	1302090002	49739	5084
1302070009	1302090005	52122	5419
1302070009	1302090004	56903	5964
1302070009	1302090007	50119	5144
1302070009	1302090006	56778	5807
1302070009	1302090009	63620	6654
1302070009	1302060002	33881	4040
1302070009	1302070010	5729	918
1302070009	1302040008	68195	7227
1302070009	1302040009	64689	6930
1302070009	1302070011	13971	1999
1302070009	1302040004	58974	6380
1302070009	1302040005	59468	6494
1302070009	1302040006	58046	6306
1302070009	1302040007	54835	5880
1302070009	1302100013	72057	7303
1302070009	1302040001	62728	6642
1302070009	1302040002	57422	6139
1302070009	1302040003	59793	6513
1302070009	1302021010	112885	11872
1302070009	1302050009	39846	4356
1302070009	1302050008	43535	4719
1302070009	1302100009	67371	6860
1302070009	1302100008	64294	6532
1302070009	1302050005	44331	4797
1302070009	1302050004	51255	5611
1302070009	1302050007	47915	5238

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070009	1302050006	50343	5501
1302070009	1302050001	51432	5571
1302070009	1302100002	71247	7222
1302070009	1302050003	49132	5216
1302070009	1302050002	46287	4991
1302070009	1302110008	97156	9108
1302070009	1302110009	96330	9206
1302070009	1302110006	86132	8229
1302070009	1302110007	114843	12658
1302070009	1302100014	91997	9579
1302070009	1302110005	76347	7440
1302070009	1302110002	72438	7148
1302070009	1302110003	71528	7038
1302070009	1302110001	67999	6698
1302070009	1302031009	72135	7733
1302070009	1302040013	64303	6855
1302070009	1302040012	69654	7593
1302070009	1302040011	69269	7380
1302070009	1302040010	64737	6943
1302070009	1302040016	58232	6088
1302070009	1302040015	63837	7030
1302070009	1302040014	68011	7331
1302070009	1302100015	59251	6201
1302070009	1302012010	135755	14120
1302070008	1302070007	999	157
1302070008	1302070006	6588	914
1302070008	1302070005	4167	570
1302070008	1302060009	32030	3823
1302070008	1302070003	9871	1164
1302070008	1302070002	7453	1023
1302070008	1302050010	35798	3510
1302070008	1302100017	55695	5272
1302070008	1302060006	23910	2649
1302070008	1302101003	80354	7707
1302070008	1302060008	27381	3000
1302070008	1302060007	20313	2167

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070008	1302020011	101818	10442
1302070008	1302020010	105608	10739
1302070008	1302060004	29785	3119
1302070008	1302060005	28534	3226
1302070008	1302020015	100243	10227
1302070008	1302060003	27388	2820
1302070008	1302020017	92421	9428
1302070008	1302020016	98151	9960
1302070008	1302090001	46510	4404
1302070008	1302090003	54928	5377
1302070008	1302090002	43523	4085
1302070008	1302090005	45906	4420
1302070008	1302090004	50687	4965
1302070008	1302090007	43903	4145
1302070008	1302090006	50562	4809
1302070008	1302090009	57404	5656
1302070008	1302060002	27665	3041
1302070008	1302070010	11945	1909
1302070008	1302040008	61979	6228
1302070008	1302040009	58473	5932
1302070008	1302070011	7755	1000
1302070008	1302040004	52758	5382
1302070008	1302040005	53252	5495
1302070008	1302040006	51830	5308
1302070008	1302040007	48619	4882
1302070008	1302100013	65841	6305
1302070008	1302040001	56512	5644
1302070008	1302040002	51206	5140
1302070008	1302040003	53577	5514
1302070008	1302021010	106669	10874
1302070008	1302050009	33630	3357
1302070008	1302050008	37319	3721
1302070008	1302100009	61155	5861
1302070008	1302100008	58078	5533
1302070008	1302050005	38115	3798
1302070008	1302050004	45039	4612



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070008	1302050007	41699	4240
1302070008	1302050006	44127	4503
1302070008	1302050001	45216	4573
1302070008	1302100002	65031	6224
1302070008	1302050003	42916	4217
1302070008	1302050002	40071	3992
1302070008	1302110008	90940	8109
1302070008	1302110009	90114	8207
1302070008	1302110006	79916	7231
1302070008	1302110007	108626	11659
1302070008	1302100014	85781	8581
1302070008	1302110005	70131	6441
1302070008	1302110002	66222	6149
1302070008	1302110003	65312	6039
1302070008	1302110001	61783	5699
1302070008	1302031009	65919	6734
1302070008	1302040013	58087	5856
1302070008	1302040012	63438	6595
1302070008	1302040011	63053	6382
1302070008	1302040010	58521	5945
1302070008	1302040016	52016	5090
1302070008	1302040015	57621	6031
1302070008	1302040014	61795	6332
1302070008	1302100015	53035	5202
1302070008	1302012010	129539	13122
1302070007	1302070006	5722	783
1302070007	1302070005	3301	438
1302070007	1302060009	31164	3691
1302070007	1302070003	9004	1032
1302070007	1302070002	6586	891
1302070007	1302050010	34931	3378
1302070007	1302100017	54828	5141
1302070007	1302060006	23043	2518
1302070007	1302101003	79488	7575
1302070007	1302060008	26514	2869
1302070007	1302060007	19446	2036

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070007	1302020011	100951	10311
1302070007	1302020010	104741	10607
1302070007	1302060004	28918	2988
1302070007	1302060005	27668	3094
1302070007	1302020015	99376	10095
1302070007	1302060003	26522	2689
1302070007	1302020017	91555	9297
1302070007	1302020016	97285	9828
1302070007	1302090001	45643	4272
1302070007	1302090003	54062	5246
1302070007	1302090002	42656	3954
1302070007	1302090005	45040	4289
1302070007	1302090004	49820	4834
1302070007	1302090007	43036	4014
1302070007	1302090006	49695	4677
1302070007	1302090009	56537	5524
1302070007	1302060002	26798	2910
1302070007	1302070010	12944	2071
1302070007	1302040008	61112	6097
1302070007	1302040009	57606	5800
1302070007	1302070011	6888	869
1302070007	1302040004	51891	5251
1302070007	1302040005	52386	5364
1302070007	1302040006	50963	5176
1302070007	1302040007	47752	4750
1302070007	1302100013	64974	6173
1302070007	1302040001	55645	5513
1302070007	1302040002	50340	5009
1302070007	1302040003	52710	5383
1302070007	1302021010	105802	10742
1302070007	1302050009	32763	3226
1302070007	1302050008	36452	3589
1302070007	1302100009	60289	5730
1302070007	1302100008	57211	5402
1302070007	1302050005	37248	3667
1302070007	1302050004	44172	4481

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070007	1302050007	40832	4108
1302070007	1302050006	43260	4371
1302070007	1302050001	44349	4442
1302070007	1302100002	64165	6092
1302070007	1302050003	42049	4086
1302070007	1302050002	39204	3861
1302070007	1302110008	90074	7978
1302070007	1302110009	89247	8076
1302070007	1302110006	79049	7099
1302070007	1302110007	107760	11528
1302070007	1302100014	84914	8450
1302070007	1302110005	69264	6310
1302070007	1302110002	65355	6018
1302070007	1302110003	64445	5908
1302070007	1302110001	60917	5568
1302070007	1302031009	65052	6603
1302070007	1302040013	57221	5725
1302070007	1302040012	62571	6464
1302070007	1302040011	62186	6250
1302070007	1302040010	57654	5813
1302070007	1302040016	51149	4958
1302070007	1302040015	56754	5900
1302070007	1302040014	60928	6201
1302070007	1302100015	52168	5071
1302070007	1302012010	128673	12991
1302070006	1302070005	2708	442
1302070006	1302060009	28973	3457
1302070006	1302070003	4601	577
1302070006	1302070002	1348	261
1302070006	1302050010	32740	3144
1302070006	1302100017	50425	4685
1302070006	1302060006	20853	2284
1302070006	1302101003	75084	7120
1302070006	1302060008	24324	2635
1302070006	1302060007	17255	1802
1302070006	1302020011	98761	10077

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070006	1302020010	102551	10373
1302070006	1302060004	26728	2753
1302070006	1302060005	25477	2860
1302070006	1302020015	97185	9861
1302070006	1302060003	24331	2455
1302070006	1302020017	89364	9063
1302070006	1302020016	95094	9594
1302070006	1302090001	41240	3817
1302070006	1302090003	49658	4790
1302070006	1302090002	38253	3498
1302070006	1302090005	40636	3833
1302070006	1302090004	45417	4378
1302070006	1302090007	38633	3558
1302070006	1302090006	45292	4222
1302070006	1302090009	52134	5069
1302070006	1302060002	24608	2676
1302070006	1302070010	18533	2826
1302070006	1302040008	58922	5863
1302070006	1302040009	55415	5566
1302070006	1302070011	2485	413
1302070006	1302040004	49700	5016
1302070006	1302040005	50195	5129
1302070006	1302040006	48772	4942
1302070006	1302040007	45561	4516
1302070006	1302100013	60571	5718
1302070006	1302040001	53454	5278
1302070006	1302040002	48149	4775
1302070006	1302040003	50520	5149
1302070006	1302021010	103611	10508
1302070006	1302050009	30572	2992
1302070006	1302050008	34262	3355
1302070006	1302100009	55885	5274
1302070006	1302100008	52808	4946
1302070006	1302050005	35058	3433
1302070006	1302050004	41982	4247
1302070006	1302050007	38642	3874

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070006	1302050006	41069	4137
1302070006	1302050001	42158	4207
1302070006	1302100002	59761	5637
1302070006	1302050003	39858	3852
1302070006	1302050002	37013	3627
1302070006	1302110008	85670	7522
1302070006	1302110009	84844	7620
1302070006	1302110006	74646	6644
1302070006	1302110007	103357	11072
1302070006	1302100014	80511	7994
1302070006	1302110005	64861	5854
1302070006	1302110002	60952	5562
1302070006	1302110003	60042	5452
1302070006	1302110001	56513	5112
1302070006	1302031009	62862	6369
1302070006	1302040013	55030	5490
1302070006	1302040012	60380	6229
1302070006	1302040011	59996	6016
1302070006	1302040010	55463	5579
1302070006	1302040016	48958	4724
1302070006	1302040015	54563	5666
1302070006	1302040014	58737	5966
1302070006	1302100015	47765	4615
1302070006	1302012010	126482	12756
1302070005	1302060009	27896	3319
1302070005	1302070003	5736	660
1302070005	1302070002	3573	547
1302070005	1302050010	31663	3006
1302070005	1302100017	51560	4768
1302070005	1302060006	19776	2146
1302070005	1302101003	76220	7203
1302070005	1302060008	23247	2497
1302070005	1302060007	16178	1664
1302070005	1302020011	97684	9939
1302070005	1302020010	101474	10235
1302070005	1302060004	25651	2615

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070005	1302060005	24400	2722
1302070005	1302020015	96108	9723
1302070005	1302060003	23254	2317
1302070005	1302020017	88287	8925
1302070005	1302020016	94017	9456
1302070005	1302090001	42375	3900
1302070005	1302090003	50794	4874
1302070005	1302090002	39388	3582
1302070005	1302090005	41772	3917
1302070005	1302090004	46553	4462
1302070005	1302090007	39769	3642
1302070005	1302090006	46428	4305
1302070005	1302090009	53270	5152
1302070005	1302060002	23531	2538
1302070005	1302070010	16113	2483
1302070005	1302040008	57845	5725
1302070005	1302040009	54338	5428
1302070005	1302070011	3620	497
1302070005	1302040004	48624	4878
1302070005	1302040005	49118	4992
1302070005	1302040006	47695	4804
1302070005	1302040007	44484	4378
1302070005	1302100013	61707	5801
1302070005	1302040001	52377	5140
1302070005	1302040002	47072	4637
1302070005	1302040003	49443	5011
1302070005	1302021010	102534	10370
1302070005	1302050009	29496	2854
1302070005	1302050008	33185	3217
1302070005	1302100009	57021	5358
1302070005	1302100008	53944	5030
1302070005	1302050005	33981	3295
1302070005	1302050004	40905	4109
1302070005	1302050007	37565	3736
1302070005	1302050006	39992	3999
1302070005	1302050001	41081	4069

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070005	1302100002	60897	5720
1302070005	1302050003	38781	3714
1302070005	1302050002	35937	3489
1302070005	1302110008	86806	7606
1302070005	1302110009	85979	7704
1302070005	1302110006	75781	6727
1302070005	1302110007	104492	11156
1302070005	1302100014	81647	8077
1302070005	1302110005	65997	5938
1302070005	1302110002	62088	5646
1302070005	1302110003	61178	5536
1302070005	1302110001	57649	5196
1302070005	1302031009	61785	6231
1302070005	1302040013	53953	5353
1302070005	1302040012	59303	6091
1302070005	1302040011	58919	5878
1302070005	1302040010	54386	5441
1302070005	1302040016	47882	4586
1302070005	1302040015	53486	5528
1302070005	1302040014	57660	5829
1302070005	1302100015	48901	4699
1302070005	1302012010	125405	12618
1302060009	1302070003	30964	3519
1302060009	1302070002	29171	3510
1302060009	1302050010	17926	2122
1302060009	1302100017	76788	7627
1302060009	1302060006	8497	1238
1302060009	1302101003	101448	10062
1302060009	1302060008	16286	2182
1302060009	1302060007	11780	1780
1302060009	1302020011	83946	9055
1302060009	1302020010	87736	9351
1302060009	1302060004	6019	914
1302060009	1302060005	4118	675
1302060009	1302020015	82371	8839
1302060009	1302060003	11541	1555

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060009	1302020017	74550	8041
1302060009	1302020016	80280	8572
1302060009	1302090001	67603	6759
1302060009	1302090003	76022	7732
1302060009	1302090002	64617	6440
1302060009	1302090005	67000	6775
1302060009	1302090004	71781	7320
1302060009	1302090007	64997	6500
1302060009	1302090006	71656	7164
1302060009	1302090009	78498	8011
1302060009	1302060002	16570	2223
1302060009	1302070010	43975	5791
1302060009	1302040008	44108	4841
1302060009	1302040009	40601	4544
1302060009	1302070011	28849	3355
1302060009	1302040004	34886	3995
1302060009	1302040005	35381	4108
1302060009	1302040006	33958	3920
1302060009	1302040007	30747	3494
1302060009	1302100013	86935	8660
1302060009	1302040001	38640	4257
1302060009	1302040002	33335	3753
1302060009	1302040003	35706	4127
1302060009	1302021010	88797	9486
1302060009	1302050009	15758	1970
1302060009	1302050008	19448	2333
1302060009	1302100009	82249	8216
1302060009	1302100008	79172	7888
1302060009	1302050005	20244	2411
1302060009	1302050004	27168	3225
1302060009	1302050007	23827	2852
1302060009	1302050006	26255	3115
1302060009	1302050001	27344	3186
1302060009	1302100002	86125	8579
1302060009	1302050003	25044	2830
1302060009	1302050002	22199	2605



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060009	1302110008	112034	10464
1302060009	1302110009	111207	10562
1302060009	1302110006	101009	9586
1302060009	1302110007	129720	14014
1302060009	1302100014	106875	10936
1302060009	1302110005	91225	8796
1302060009	1302110002	87316	8504
1302060009	1302110003	86406	8394
1302060009	1302110001	82877	8054
1302060009	1302031009	48047	5347
1302060009	1302040013	40216	4469
1302060009	1302040012	45566	5208
1302060009	1302040011	45181	4994
1302060009	1302040010	40649	4557
1302060009	1302040016	34144	3702
1302060009	1302040015	39749	4644
1302060009	1302040014	43923	4945
1302060009	1302100015	74129	7557
1302060009	1302012010	111668	11735
1302070003	1302070002	3581	478
1302070003	1302050010	34732	3158
1302070003	1302100017	45824	4108
1302070003	1302060006	22844	2298
1302070003	1302101003	70484	6543
1302070003	1302060008	26315	2649
1302070003	1302060007	19247	1816
1302070003	1302020011	100752	10091
1302070003	1302020010	104542	10387
1302070003	1302060004	28719	2767
1302070003	1302060005	27469	2874
1302070003	1302020015	99177	9875
1302070003	1302060003	26323	2469
1302070003	1302020017	91356	9077
1302070003	1302020016	97085	9608
1302070003	1302090001	36639	3240
1302070003	1302090003	45058	4213

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070003	1302090002	33652	2921
1302070003	1302090005	36036	3256
1302070003	1302090004	40816	3801
1302070003	1302090007	34032	2981
1302070003	1302090006	40692	3645
1302070003	1302090009	47533	4492
1302070003	1302060002	26599	2690
1302070003	1302070010	21816	3001
1302070003	1302040008	60913	5877
1302070003	1302040009	57407	5580
1302070003	1302070011	2116	166
1302070003	1302040004	51692	5030
1302070003	1302040005	52187	5144
1302070003	1302040006	50764	4956
1302070003	1302040007	47553	4530
1302070003	1302100013	55970	5141
1302070003	1302040001	55446	5292
1302070003	1302040002	50141	4789
1302070003	1302040003	52511	5163
1302070003	1302021010	105603	10522
1302070003	1302050009	32564	3006
1302070003	1302050008	36253	3369
1302070003	1302100009	51285	4697
1302070003	1302100008	48208	4369
1302070003	1302050005	37049	3447
1302070003	1302050004	43973	4261
1302070003	1302050007	40633	3888
1302070003	1302050006	43061	4151
1302070003	1302050001	44150	4221
1302070003	1302100002	55161	5060
1302070003	1302050003	41850	3866
1302070003	1302050002	39005	3641
1302070003	1302110008	81070	6945
1302070003	1302110009	80243	7044
1302070003	1302110006	70045	6067
1302070003	1302110007	98756	10496

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070003	1302100014	75910	7417
1302070003	1302110005	60261	5277
1302070003	1302110002	56352	4985
1302070003	1302110003	55441	4875
1302070003	1302110001	51913	4535
1302070003	1302031009	64853	6383
1302070003	1302040013	57022	5505
1302070003	1302040012	62372	6243
1302070003	1302040011	61987	6030
1302070003	1302040010	57455	5593
1302070003	1302040016	50950	4738
1302070003	1302040015	56555	5680
1302070003	1302040014	60729	5981
1302070003	1302100015	43164	4038
1302070003	1302012010	128474	12770
1302070002	1302050010	32939	3143
1302070002	1302100017	49405	4657
1302070002	1302060006	21051	2282
1302070002	1302101003	74065	7092
1302070002	1302060008	24522	2633
1302070002	1302060007	17454	1801
1302070002	1302020011	98959	10076
1302070002	1302020010	102749	10372
1302070002	1302060004	26926	2752
1302070002	1302060005	25676	2859
1302070002	1302020015	97384	9860
1302070002	1302060003	24529	2453
1302070002	1302020017	89562	9061
1302070002	1302020016	95292	9593
1302070002	1302090001	40220	3789
1302070002	1302090003	48638	4762
1302070002	1302090002	37233	3470
1302070002	1302090005	39616	3805
1302070002	1302090004	44397	4350
1302070002	1302090007	37613	3530
1302070002	1302090006	44272	4194

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070002	1302090009	51114	5041
1302070002	1302060002	24806	2675
1302070002	1302070010	19398	2938
1302070002	1302040008	59120	5861
1302070002	1302040009	55614	5565
1302070002	1302070011	2683	412
1302070002	1302040004	49899	5015
1302070002	1302040005	50394	5128
1302070002	1302040006	48971	4941
1302070002	1302040007	45760	4515
1302070002	1302100013	59551	5690
1302070002	1302040001	53653	5277
1302070002	1302040002	48347	4774
1302070002	1302040003	50718	5147
1302070002	1302021010	103810	10507
1302070002	1302050009	30771	2990
1302070002	1302050008	34460	3354
1302070002	1302100009	54865	5246
1302070002	1302100008	51788	4918
1302070002	1302050005	35256	3431
1302070002	1302050004	42180	4246
1302070002	1302050007	38840	3873
1302070002	1302050006	41268	4136
1302070002	1302050001	42357	4206
1302070002	1302100002	58742	5609
1302070002	1302050003	40057	3851
1302070002	1302050002	37212	3626
1302070002	1302110008	84651	7494
1302070002	1302110009	83824	7592
1302070002	1302110006	73626	6616
1302070002	1302110007	102337	11044
1302070002	1302100014	79491	7966
1302070002	1302110005	63841	5826
1302070002	1302110002	59932	5534
1302070002	1302110003	59022	5424
1302070002	1302110001	55494	5084

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070002	1302031009	63060	6368
1302070002	1302040013	55228	5489
1302070002	1302040012	60579	6228
1302070002	1302040011	60194	6015
1302070002	1302040010	55662	5578
1302070002	1302040016	49157	4723
1302070002	1302040015	54762	5664
1302070002	1302040014	58936	5965
1302070002	1302100015	46745	4587
1302070002	1302012010	126680	12755
1302050010	1302100017	80556	7303
1302050010	1302060006	13467	1407
1302050010	1302101003	105216	9738
1302050010	1302060008	21800	2224
1302050010	1302060007	15547	1456
1302050010	1302020011	71712	7561
1302050010	1302020010	75502	7857
1302050010	1302060004	11908	1289
1302050010	1302060005	13809	1528
1302050010	1302020015	70137	7345
1302050010	1302060003	8409	756
1302050010	1302020017	62315	6546
1302050010	1302020016	68045	7078
1302050010	1302090001	71371	6435
1302050010	1302090003	79790	7409
1302050010	1302090002	68384	6116
1302050010	1302090005	70768	6452
1302050010	1302090004	75548	6996
1302050010	1302090007	68764	6176
1302050010	1302090006	75424	6840
1302050010	1302090009	82265	7687
1302050010	1302060002	22084	2265
1302050010	1302070010	47743	5467
1302050010	1302040008	31873	3346
1302050010	1302040009	28367	3050
1302050010	1302070011	32616	3031

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302050010	1302040004	22652	2500
1302050010	1302040005	23147	2613
1302050010	1302040006	21724	2426
1302050010	1302040007	18513	2000
1302050010	1302100013	90702	8336
1302050010	1302040001	26406	2762
1302050010	1302040002	21100	2259
1302050010	1302040003	23471	2632
1302050010	1302021010	76563	7992
1302050010	1302050009	3524	475
1302050010	1302050008	7213	839
1302050010	1302100009	86017	7893
1302050010	1302100008	82939	7565
1302050010	1302050005	8009	916
1302050010	1302050004	14933	1731
1302050010	1302050007	11593	1358
1302050010	1302050006	14021	1621
1302050010	1302050001	15110	1691
1302050010	1302100002	89893	8255
1302050010	1302050003	12810	1336
1302050010	1302050002	9965	1111
1302050010	1302110008	115802	10140
1302050010	1302110009	114975	10239
1302050010	1302110006	104777	9262
1302050010	1302110007	133488	13691
1302050010	1302100014	110642	10612
1302050010	1302110005	94993	8473
1302050010	1302110002	91084	8181
1302050010	1302110003	90173	8071
1302050010	1302110001	86645	7730
1302050010	1302031009	35813	3853
1302050010	1302040013	27981	2974
1302050010	1302040012	33332	3713
1302050010	1302040011	32947	3500
1302050010	1302040010	28415	3063
1302050010	1302040016	21910	2208

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302050010	1302040015	27515	3150
1302050010	1302040014	31689	3450
1302050010	1302100015	77896	7234
1302050010	1302012010	99433	10240
1302100017	1302060006	68674	6401
1302100017	1302101003	24658	2585
1302100017	1302060008	72145	6752
1302100017	1302060007	65076	5919
1302100017	1302020011	146582	14194
1302100017	1302020010	150372	14490
1302100017	1302060004	74549	6870
1302100017	1302060005	73298	6977
1302100017	1302020015	145006	13978
1302100017	1302060003	72152	6572
1302100017	1302020017	137185	13180
1302100017	1302020016	142915	13711
1302100017	1302090001	10074	1002
1302100017	1302090003	12579	1331
1302100017	1302090002	12499	1233
1302100017	1302090005	11173	1062
1302100017	1302090004	15554	1657
1302100017	1302090007	13015	1293
1302100017	1302090006	5849	591
1302100017	1302090009	15055	1610
1302100017	1302060002	72429	6793
1302100017	1302070010	67645	7103
1302100017	1302040008	106743	9980
1302100017	1302040009	103236	9683
1302100017	1302070011	47945	4269
1302100017	1302040004	97522	9133
1302100017	1302040005	98016	9246
1302100017	1302040006	96593	9059
1302100017	1302040007	93382	8633
1302100017	1302100013	10144	1183
1302100017	1302040001	101275	9395
1302100017	1302040002	95970	8892

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100017	1302040003	98341	9266
1302100017	1302021010	151432	14625
1302100017	1302050009	78394	7109
1302100017	1302050008	82083	7472
1302100017	1302100009	7111	812
1302100017	1302100008	4033	484
1302100017	1302050005	82879	7550
1302100017	1302050004	89803	8364
1302100017	1302050007	86463	7991
1302100017	1302050006	88890	8254
1302100017	1302050001	89979	8324
1302100017	1302100002	9335	1102
1302100017	1302050003	87679	7969
1302100017	1302050002	84835	7744
1302100017	1302110008	36972	3198
1302100017	1302110009	36145	3296
1302100017	1302110006	25947	2319
1302100017	1302110007	54658	6748
1302100017	1302100014	30084	3460
1302100017	1302110005	16163	1530
1302100017	1302110002	12254	1238
1302100017	1302110003	11344	1128
1302100017	1302110001	7815	788
1302100017	1302031009	110683	10486
1302100017	1302040013	102851	9607
1302100017	1302040012	108201	10346
1302100017	1302040011	107817	10133
1302100017	1302040010	103284	9696
1302100017	1302040016	96779	8841
1302100017	1302040015	102384	9783
1302100017	1302040014	106558	10083
1302100017	1302100015	1984	270
1302100017	1302012010	174303	16873
1302060006	1302101003	93328	8887
1302060006	1302060008	8166	1007
1302060006	1302060007	3660	605



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060006	1302020011	79488	8258
1302060006	1302020010	83278	8555
1302060006	1302060004	6010	751
1302060006	1302060005	5001	639
1302060006	1302020015	77912	8043
1302060006	1302060003	5058	636
1302060006	1302020017	70091	7244
1302060006	1302020016	75821	7775
1302060006	1302090001	59483	5584
1302060006	1302090003	67902	6557
1302060006	1302090002	56496	5265
1302060006	1302090005	58880	5600
1302060006	1302090004	63660	6145
1302060006	1302090007	56876	5325
1302060006	1302090006	63536	5989
1302060006	1302090009	70378	6836
1302060006	1302060002	8450	1048
1302060006	1302070010	35855	4616
1302060006	1302040008	39649	4044
1302060006	1302040009	36142	3748
1302060006	1302070011	20728	2180
1302060006	1302040004	30428	3198
1302060006	1302040005	30922	3311
1302060006	1302040006	29499	3124
1302060006	1302040007	26288	2698
1302060006	1302100013	78814	7485
1302060006	1302040001	34181	3460
1302060006	1302040002	28876	2956
1302060006	1302040003	31247	3330
1302060006	1302021010	84338	8689
1302060006	1302050009	11299	1173
1302060006	1302050008	14989	1537
1302060006	1302100009	74129	7041
1302060006	1302100008	71052	6713
1302060006	1302050005	15785	1614
1302060006	1302050004	22709	2428

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060006	1302050007	19369	2056
1302060006	1302050006	21796	2319
1302060006	1302050001	22885	2389
1302060006	1302100002	78005	7404
1302060006	1302050003	20585	2033
1302060006	1302050002	17741	1808
1302060006	1302110008	103914	9289
1302060006	1302110009	103087	9388
1302060006	1302110006	92889	8411
1302060006	1302110007	121600	12839
1302060006	1302100014	98754	9761
1302060006	1302110005	83105	7621
1302060006	1302110002	79196	7329
1302060006	1302110003	78286	7219
1302060006	1302110001	74757	6879
1302060006	1302031009	43589	4550
1302060006	1302040013	35757	3672
1302060006	1302040012	41107	4411
1302060006	1302040011	40723	4198
1302060006	1302040010	36190	3761
1302060006	1302040016	29685	2906
1302060006	1302040015	35290	3847
1302060006	1302040014	39464	4148
1302060006	1302100015	66008	6382
1302060006	1302012010	107209	10938
1302101003	1302060008	96805	9208
1302101003	1302060007	89736	8376
1302101003	1302020011	171241	16651
1302101003	1302020010	175031	16947
1302101003	1302060004	99208	9327
1302101003	1302060005	97958	9434
1302101003	1302020015	169666	16435
1302101003	1302060003	96812	9028
1302101003	1302020017	161845	15636
1302101003	1302020016	167575	16168
1302101003	1302090001	34734	3459

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101003	1302090003	37239	3788
1302101003	1302090002	37159	3690
1302101003	1302090005	35833	3519
1302101003	1302090004	40214	4114
1302101003	1302090007	37675	3750
1302101003	1302090006	30509	3048
1302101003	1302090009	39715	4067
1302101003	1302060002	97088	9250
1302101003	1302070010	92305	9560
1302101003	1302040008	131403	12436
1302101003	1302040009	127896	12140
1302101003	1302070011	72605	6725
1302101003	1302040004	122181	11590
1302101003	1302040005	122676	11703
1302101003	1302040006	121253	11516
1302101003	1302040007	118042	11090
1302101003	1302100013	14514	1408
1302101003	1302040001	125935	11852
1302101003	1302040002	120630	11349
1302101003	1302040003	123001	11722
1302101003	1302021010	176092	17082
1302101003	1302050009	103053	9565
1302101003	1302050008	106743	9929
1302101003	1302100009	20138	2079
1302101003	1302100008	22943	2294
1302101003	1302050005	107539	10006
1302101003	1302050004	114463	10821
1302101003	1302050007	111122	10448
1302101003	1302050006	113550	10711
1302101003	1302050001	114639	10781
1302101003	1302100002	15323	1489
1302101003	1302050003	112339	10425
1302101003	1302050002	109494	10201
1302101003	1302110008	59950	5437
1302101003	1302110009	59123	5535
1302101003	1302110006	48925	4558

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302101003	1302110007	77636	8987
1302101003	1302100014	6766	1098
1302101003	1302110005	39141	3769
1302101003	1302110002	35232	3477
1302101003	1302110003	34322	3367
1302101003	1302110001	30793	3027
1302101003	1302031009	135342	12942
1302101003	1302040013	127511	12064
1302101003	1302040012	132861	12803
1302101003	1302040011	132476	12590
1302101003	1302040010	127944	12153
1302101003	1302040016	121439	11298
1302101003	1302040015	127044	12239
1302101003	1302040014	131218	12540
1302101003	1302100015	24361	2606
1302101003	1302012010	198963	19330
1302060008	1302060007	7068	839
1302060008	1302020011	87820	9093
1302060008	1302020010	91610	9389
1302060008	1302060004	14176	1764
1302060008	1302060005	12791	1590
1302060008	1302020015	86245	8877
1302060008	1302060003	13391	1471
1302060008	1302020017	78424	8079
1302060008	1302020016	84154	8610
1302060008	1302090001	62954	5937
1302060008	1302090003	71373	6911
1302060008	1302090002	59967	5619
1302060008	1302090005	62351	5954
1302060008	1302090004	67132	6499
1302060008	1302090007	60348	5679
1302060008	1302090006	67007	6342
1302060008	1302090009	73849	7189
1302060008	1302060002	1534	238
1302060008	1302070010	39326	4970
1302060008	1302040008	47982	4879

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060008	1302040009	44475	4582
1302060008	1302070011	24199	2534
1302060008	1302040004	38760	4032
1302060008	1302040005	39255	4146
1302060008	1302040006	37832	3958
1302060008	1302040007	34621	3532
1302060008	1302100013	82286	7838
1302060008	1302040001	42514	4294
1302060008	1302040002	37209	3791
1302060008	1302040003	39580	4165
1302060008	1302021010	92671	9524
1302060008	1302050009	19632	2008
1302060008	1302050008	23321	2371
1302060008	1302100009	77600	7395
1302060008	1302100008	74523	7067
1302060008	1302050005	24117	2449
1302060008	1302050004	31041	3263
1302060008	1302050007	27701	2890
1302060008	1302050006	30129	3153
1302060008	1302050001	31218	3223
1302060008	1302100002	81476	7757
1302060008	1302050003	28918	2868
1302060008	1302050002	26073	2643
1302060008	1302110008	107385	9643
1302060008	1302110009	106558	9741
1302060008	1302110006	96360	8764
1302060008	1302110007	125071	13193
1302060008	1302100014	102226	10115
1302060008	1302110005	86576	7975
1302060008	1302110002	82667	7683
1302060008	1302110003	81757	7573
1302060008	1302110001	78228	7233
1302060008	1302031009	51921	5385
1302060008	1302040013	44090	4507
1302060008	1302040012	49440	5245
1302060008	1302040011	49055	5032

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060008	1302040010	44523	4595
1302060008	1302040016	38018	3740
1302060008	1302040015	43623	4682
1302060008	1302040014	47797	4983
1302060008	1302100015	69480	6736
1302060008	1302012010	115542	11772
1302060007	1302020011	81568	8309
1302060007	1302020010	85358	8605
1302060007	1302060004	9535	986
1302060007	1302060005	8284	1092
1302060007	1302020015	79992	8093
1302060007	1302060003	7138	687
1302060007	1302020017	72171	7295
1302060007	1302020016	77901	7826
1302060007	1302090001	55886	5098
1302060007	1302090003	64305	6072
1302060007	1302090002	52899	4779
1302060007	1302090005	55283	5115
1302060007	1302090004	60063	5660
1302060007	1302090007	53279	4840
1302060007	1302090006	59938	5503
1302060007	1302090009	66780	6350
1302060007	1302060002	7352	874
1302060007	1302070010	32258	4131
1302060007	1302040008	41729	4095
1302060007	1302040009	38222	3798
1302060007	1302070011	17131	1695
1302060007	1302040004	32508	3249
1302060007	1302040005	33002	3362
1302060007	1302040006	31579	3174
1302060007	1302040007	28368	2748
1302060007	1302100013	75217	6999
1302060007	1302040001	36261	3511
1302060007	1302040002	30956	3007
1302060007	1302040003	33327	3381
1302060007	1302021010	86418	8740

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060007	1302050009	13380	1224
1302060007	1302050008	17069	1587
1302060007	1302100009	70532	6556
1302060007	1302100008	67454	6228
1302060007	1302050005	17865	1665
1302060007	1302050004	24789	2479
1302060007	1302050007	21449	2106
1302060007	1302050006	23876	2369
1302060007	1302050001	24965	2440
1302060007	1302100002	74408	6918
1302060007	1302050003	22665	2084
1302060007	1302050002	19821	1859
1302060007	1302110008	100317	8803
1302060007	1302110009	99490	8902
1302060007	1302110006	89292	7925
1302060007	1302110007	118003	12354
1302060007	1302100014	95157	9275
1302060007	1302110005	79507	7136
1302060007	1302110002	75598	6844
1302060007	1302110003	74688	6734
1302060007	1302110001	71160	6393
1302060007	1302031009	45669	4601
1302060007	1302040013	37837	3723
1302060007	1302040012	43187	4462
1302060007	1302040011	42803	4248
1302060007	1302040010	38270	3811
1302060007	1302040016	31766	2956
1302060007	1302040015	37370	3898
1302060007	1302040014	41544	4199
1302060007	1302100015	62411	5897
1302060007	1302012010	109289	10989
1302020011	1302020010	3790	296
1302020011	1302060004	77928	7985
1302020011	1302060005	79829	8224
1302020011	1302020015	1575	179
1302020011	1302060003	74429	7452

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020011	1302020017	9396	1014
1302020011	1302020016	3667	483
1302020011	1302090001	137391	13131
1302020011	1302090003	145810	14104
1302020011	1302090002	134404	12812
1302020011	1302090005	136788	13147
1302020011	1302090004	141568	13692
1302020011	1302090007	134784	12872
1302020011	1302090006	141444	13535
1302020011	1302090009	148286	14383
1302020011	1302060002	88104	8960
1302020011	1302070010	113763	12163
1302020011	1302040008	45493	4603
1302020011	1302040009	45635	4694
1302020011	1302070011	98636	9727
1302020011	1302040004	50974	5526
1302020011	1302040005	57391	6226
1302020011	1302040006	55968	6039
1302020011	1302040007	52287	5526
1302020011	1302100013	156722	15031
1302020011	1302040001	45306	4713
1302020011	1302040002	49699	5271
1302020011	1302040003	51794	5658
1302020011	1302021010	7661	798
1302020011	1302050009	68332	6965
1302020011	1302050008	65928	6910
1302020011	1302100009	152037	14588
1302020011	1302100008	148960	14260
1302020011	1302050005	62791	6539
1302020011	1302050004	58102	6106
1302020011	1302050007	63610	6840
1302020011	1302050006	61860	6617
1302020011	1302050001	55690	5835
1302020011	1302100002	155913	14950
1302020011	1302050003	58926	6091
1302020011	1302050002	63070	6700



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020011	1302110008	181822	16836
1302020011	1302110009	180995	16934
1302020011	1302110006	170797	15957
1302020011	1302110007	199508	20386
1302020011	1302100014	176662	17308
1302020011	1302110005	161013	15168
1302020011	1302110002	157104	14876
1302020011	1302110003	156194	14766
1302020011	1302110001	152665	14426
1302020011	1302031009	35719	3754
1302020011	1302040013	44861	4675
1302020011	1302040012	47483	5052
1302020011	1302040011	38765	3975
1302020011	1302040010	43640	4467
1302020011	1302040016	51691	5401
1302020011	1302040015	50167	5545
1302020011	1302040014	45840	4789
1302020011	1302100015	143916	13929
1302020011	1302012010	27721	2680
1302020010	1302060004	81718	8330
1302020010	1302060005	83619	8569
1302020010	1302020015	5365	524
1302020010	1302060003	78219	7797
1302020010	1302020017	13186	1359
1302020010	1302020016	7457	828
1302020010	1302090001	141181	13476
1302020010	1302090003	149600	14449
1302020010	1302090002	138194	13157
1302020010	1302090005	140578	13492
1302020010	1302090004	145358	14037
1302020010	1302090007	138574	13217
1302020010	1302090006	145234	13880
1302020010	1302090009	152076	14728
1302020010	1302060002	91894	9305
1302020010	1302070010	117553	12508
1302020010	1302040008	49283	4948

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020010	1302040009	49425	5039
1302020010	1302070011	102426	10072
1302020010	1302040004	54764	5871
1302020010	1302040005	61181	6571
1302020010	1302040006	59758	6384
1302020010	1302040007	56077	5871
1302020010	1302100013	160512	15376
1302020010	1302040001	49096	5058
1302020010	1302040002	53489	5616
1302020010	1302040003	55584	6003
1302020010	1302021010	11451	1143
1302020010	1302050009	72122	7310
1302020010	1302050008	69718	7255
1302020010	1302100009	155827	14933
1302020010	1302100008	152750	14605
1302020010	1302050005	66581	6884
1302020010	1302050004	61892	6451
1302020010	1302050007	67400	7185
1302020010	1302050006	65650	6962
1302020010	1302050001	59480	6180
1302020010	1302100002	159703	15295
1302020010	1302050003	62716	6436
1302020010	1302050002	66860	7045
1302020010	1302110008	185612	17181
1302020010	1302110009	184785	17279
1302020010	1302110006	174587	16302
1302020010	1302110007	203298	20731
1302020010	1302100014	180452	17653
1302020010	1302110005	164803	15513
1302020010	1302110002	160894	15221
1302020010	1302110003	159984	15111
1302020010	1302110001	156455	14771
1302020010	1302031009	39509	4099
1302020010	1302040013	48651	5020
1302020010	1302040012	51273	5397
1302020010	1302040011	42555	4320

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020010	1302040010	47430	4812
1302020010	1302040016	55481	5746
1302020010	1302040015	53957	5890
1302020010	1302040014	49630	5134
1302020010	1302100015	147706	14274
1302020010	1302012010	23931	2383
1302060004	1302060005	1901	239
1302060004	1302020015	76353	7925
1302060004	1302060003	5522	641
1302060004	1302020017	68531	7127
1302060004	1302020016	74261	7658
1302060004	1302090001	65358	6056
1302060004	1302090003	73777	7030
1302060004	1302090002	62371	5737
1302060004	1302090005	64755	6073
1302060004	1302090004	69535	6617
1302060004	1302090007	62751	5797
1302060004	1302090006	69411	6461
1302060004	1302090009	76253	7308
1302060004	1302060002	14460	1808
1302060004	1302070010	41730	5088
1302060004	1302040008	38089	3927
1302060004	1302040009	34583	3630
1302060004	1302070011	26603	2652
1302060004	1302040004	28868	3080
1302060004	1302040005	29362	3194
1302060004	1302040006	27939	3006
1302060004	1302040007	24728	2580
1302060004	1302100013	84689	7957
1302060004	1302040001	32621	3342
1302060004	1302040002	27316	2839
1302060004	1302040003	29687	3213
1302060004	1302021010	82778	8572
1302060004	1302050009	9740	1056
1302060004	1302050008	13429	1419
1302060004	1302100009	80004	7514

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060004	1302100008	76927	7186
1302060004	1302050005	14225	1497
1302060004	1302050004	21149	2311
1302060004	1302050007	17809	1938
1302060004	1302050006	20237	2201
1302060004	1302050001	21326	2271
1302060004	1302100002	83880	7876
1302060004	1302050003	19025	1916
1302060004	1302050002	16181	1691
1302060004	1302110008	109789	9761
1302060004	1302110009	108962	9860
1302060004	1302110006	98764	8883
1302060004	1302110007	127475	13312
1302060004	1302100014	104629	10233
1302060004	1302110005	88980	8094
1302060004	1302110002	85071	7802
1302060004	1302110003	84161	7692
1302060004	1302110001	80632	7351
1302060004	1302031009	42029	4433
1302060004	1302040013	34197	3555
1302060004	1302040012	39547	4293
1302060004	1302040011	39163	4080
1302060004	1302040010	34630	3643
1302060004	1302040016	28126	2788
1302060004	1302040015	33730	3730
1302060004	1302040014	37904	4031
1302060004	1302100015	71883	6855
1302060004	1302012010	105649	10820
1302060005	1302020015	78254	8164
1302060005	1302060003	7423	880
1302060005	1302020017	70432	7366
1302060005	1302020016	76162	7897
1302060005	1302090001	64108	6156
1302060005	1302090003	72526	7130
1302060005	1302090002	61121	5838
1302060005	1302090005	63504	6173

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060005	1302090004	68285	6718
1302060005	1302090007	61501	5898
1302060005	1302090006	68160	6561
1302060005	1302090009	75002	7408
1302060005	1302060002	13074	1621
1302060005	1302070010	40480	5189
1302060005	1302040008	39990	4166
1302060005	1302040009	36483	3869
1302060005	1302070011	25353	2753
1302060005	1302040004	30769	3319
1302060005	1302040005	31263	3433
1302060005	1302040006	29840	3245
1302060005	1302040007	26629	2819
1302060005	1302100013	83439	8057
1302060005	1302040001	34522	3581
1302060005	1302040002	29217	3078
1302060005	1302040003	31588	3452
1302060005	1302021010	84679	8811
1302060005	1302050009	11641	1295
1302060005	1302050008	15330	1658
1302060005	1302100009	78753	7614
1302060005	1302100008	75676	7286
1302060005	1302050005	16126	1736
1302060005	1302050004	23050	2550
1302060005	1302050007	19710	2177
1302060005	1302050006	22137	2440
1302060005	1302050001	23227	2510
1302060005	1302100002	82630	7976
1302060005	1302050003	20926	2155
1302060005	1302050002	18082	1930
1302060005	1302110008	108539	9862
1302060005	1302110009	107712	9960
1302060005	1302110006	97514	8983
1302060005	1302110007	126225	13412
1302060005	1302100014	103379	10333
1302060005	1302110005	87729	8194

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060005	1302110002	83820	7902
1302060005	1302110003	82910	7792
1302060005	1302110001	79382	7452
1302060005	1302031009	43930	4672
1302060005	1302040013	36098	3794
1302060005	1302040012	41448	4532
1302060005	1302040011	41064	4319
1302060005	1302040010	36531	3882
1302060005	1302040016	30027	3027
1302060005	1302040015	35631	3969
1302060005	1302040014	39805	4270
1302060005	1302100015	70633	6955
1302060005	1302012010	107550	11059
1302020015	1302060003	72854	7273
1302020015	1302020017	7821	835
1302020015	1302020016	2092	304
1302020015	1302090001	135816	12952
1302020015	1302090003	144235	13925
1302020015	1302090002	132829	12633
1302020015	1302090005	135213	12968
1302020015	1302090004	139993	13513
1302020015	1302090007	133209	12693
1302020015	1302090006	139869	13356
1302020015	1302090009	146710	14204
1302020015	1302060002	86529	8782
1302020015	1302070010	112188	11984
1302020015	1302040008	43918	4424
1302020015	1302040009	44059	4515
1302020015	1302070011	97061	9548
1302020015	1302040004	49399	5347
1302020015	1302040005	55816	6047
1302020015	1302040006	54393	5860
1302020015	1302040007	50712	5348
1302020015	1302100013	155147	14852
1302020015	1302040001	43731	4534
1302020015	1302040002	48124	5092

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020015	1302040003	50219	5479
1302020015	1302021010	6426	647
1302020015	1302050009	66757	6786
1302020015	1302050008	64353	6732
1302020015	1302100009	150462	14409
1302020015	1302100008	147384	14081
1302020015	1302050005	61216	6360
1302020015	1302050004	56526	5927
1302020015	1302050007	62035	6661
1302020015	1302050006	60285	6438
1302020015	1302050001	54115	5656
1302020015	1302100002	154338	14771
1302020015	1302050003	57351	5912
1302020015	1302050002	61495	6521
1302020015	1302110008	180247	16657
1302020015	1302110009	179420	16755
1302020015	1302110006	169222	15778
1302020015	1302110007	197933	20207
1302020015	1302100014	175087	17129
1302020015	1302110005	159438	14989
1302020015	1302110002	155529	14697
1302020015	1302110003	154618	14587
1302020015	1302110001	151090	14247
1302020015	1302031009	34143	3575
1302020015	1302040013	43286	4496
1302020015	1302040012	45907	4873
1302020015	1302040011	37190	3796
1302020015	1302040010	42065	4288
1302020015	1302040016	50116	5223
1302020015	1302040015	48592	5366
1302020015	1302040014	44264	4610
1302020015	1302100015	142341	13750
1302020015	1302012010	29297	2895
1302060003	1302020017	65033	6608
1302060003	1302020016	70763	7139
1302060003	1302090001	62962	5679

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060003	1302090003	71380	6652
1302060003	1302090002	59975	5360
1302060003	1302090005	62358	5695
1302060003	1302090004	67139	6240
1302060003	1302090007	60355	5420
1302060003	1302090006	67014	6084
1302060003	1302090009	73856	6931
1302060003	1302060002	13675	1509
1302060003	1302070010	39334	4711
1302060003	1302040008	34591	3408
1302060003	1302040009	31084	3112
1302060003	1302070011	24207	2275
1302060003	1302040004	25369	2562
1302060003	1302040005	25864	2675
1302060003	1302040006	24441	2488
1302060003	1302040007	21230	2061
1302060003	1302100013	82293	7580
1302060003	1302040001	29123	2824
1302060003	1302040002	23818	2320
1302060003	1302040003	26189	2694
1302060003	1302021010	79280	8053
1302060003	1302050009	6241	537
1302060003	1302050008	9931	900
1302060003	1302100009	77607	7136
1302060003	1302100008	74530	6808
1302060003	1302050005	10727	978
1302060003	1302050004	17651	1792
1302060003	1302050007	14310	1419
1302060003	1302050006	16738	1682
1302060003	1302050001	17827	1753
1302060003	1302100002	81484	7499
1302060003	1302050003	15527	1397
1302060003	1302050002	12682	1172
1302060003	1302110008	107393	9384
1302060003	1302110009	106566	9482
1302060003	1302110006	96368	8506



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060003	1302110007	125079	12934
1302060003	1302100014	102233	9856
1302060003	1302110005	86583	7716
1302060003	1302110002	82674	7424
1302060003	1302110003	81764	7314
1302060003	1302110001	78236	6974
1302060003	1302031009	38530	3914
1302060003	1302040013	30699	3036
1302060003	1302040012	36049	3775
1302060003	1302040011	35664	3562
1302060003	1302040010	31132	3124
1302060003	1302040016	24627	2270
1302060003	1302040015	30232	3211
1302060003	1302040014	34406	3512
1302060003	1302100015	69487	6477
1302060003	1302012010	102151	10302
1302020017	1302020016	5730	531
1302020017	1302090001	127995	12116
1302020017	1302090003	136413	13090
1302020017	1302090002	125008	11798
1302020017	1302090005	127391	12133
1302020017	1302090004	132172	12678
1302020017	1302090007	125388	11858
1302020017	1302090006	132047	12521
1302020017	1302090009	138889	13368
1302020017	1302060002	78708	7946
1302020017	1302070010	104367	11149
1302020017	1302040008	36097	3589
1302020017	1302040009	36238	3680
1302020017	1302070011	89240	8713
1302020017	1302040004	41578	4512
1302020017	1302040005	47994	5212
1302020017	1302040006	46571	5025
1302020017	1302040007	42891	4512
1302020017	1302100013	147326	14017
1302020017	1302040001	35910	3699

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020017	1302040002	40303	4257
1302020017	1302040003	42397	4644
1302020017	1302021010	14247	1445
1302020017	1302050009	58936	5951
1302020017	1302050008	56532	5896
1302020017	1302100009	142640	13574
1302020017	1302100008	139563	13246
1302020017	1302050005	53394	5525
1302020017	1302050004	48705	5092
1302020017	1302050007	54214	5826
1302020017	1302050006	52464	5603
1302020017	1302050001	46294	4821
1302020017	1302100002	146517	13936
1302020017	1302050003	49529	5077
1302020017	1302050002	53673	5686
1302020017	1302110008	172425	15822
1302020017	1302110009	171599	15920
1302020017	1302110006	161401	14943
1302020017	1302110007	190112	19372
1302020017	1302100014	167266	16294
1302020017	1302110005	151616	14154
1302020017	1302110002	147707	13862
1302020017	1302110003	146797	13752
1302020017	1302110001	143269	13412
1302020017	1302031009	26322	2740
1302020017	1302040013	35465	3661
1302020017	1302040012	38086	4038
1302020017	1302040011	29369	2961
1302020017	1302040010	34244	3453
1302020017	1302040016	42295	4387
1302020017	1302040015	40771	4531
1302020017	1302040014	36443	3775
1302020017	1302100015	134520	12915
1302020017	1302012010	37118	3694
1302020016	1302090001	133724	12648
1302020016	1302090003	142143	13621

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020016	1302090002	130738	12329
1302020016	1302090005	133121	12664
1302020016	1302090004	137902	13209
1302020016	1302090007	131118	12389
1302020016	1302090006	137777	13052
1302020016	1302090009	144619	13900
1302020016	1302060002	84438	8478
1302020016	1302070010	110096	11680
1302020016	1302040008	41826	4120
1302020016	1302040009	41968	4211
1302020016	1302070011	94970	9244
1302020016	1302040004	47308	5043
1302020016	1302040005	53724	5743
1302020016	1302040006	52301	5556
1302020016	1302040007	48621	5044
1302020016	1302100013	153056	14548
1302020016	1302040001	41640	4230
1302020016	1302040002	46033	4788
1302020016	1302040003	48127	5175
1302020016	1302021010	8517	914
1302020016	1302050009	64666	6482
1302020016	1302050008	62261	6428
1302020016	1302100009	148370	14105
1302020016	1302100008	145293	13777
1302020016	1302050005	59124	6056
1302020016	1302050004	54435	5623
1302020016	1302050007	59944	6357
1302020016	1302050006	58194	6134
1302020016	1302050001	52023	5352
1302020016	1302100002	152246	14467
1302020016	1302050003	55259	5608
1302020016	1302050002	59403	6217
1302020016	1302110008	178155	16353
1302020016	1302110009	177329	16451
1302020016	1302110006	167130	15474
1302020016	1302110007	195841	19903

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302020016	1302100014	172996	16825
1302020016	1302110005	157346	14685
1302020016	1302110002	153437	14393
1302020016	1302110003	152527	14283
1302020016	1302110001	148998	13943
1302020016	1302031009	32052	3271
1302020016	1302040013	41195	4192
1302020016	1302040012	43816	4569
1302020016	1302040011	35098	3492
1302020016	1302040010	39974	3984
1302020016	1302040016	48024	4919
1302020016	1302040015	46501	5062
1302020016	1302040014	42173	4306
1302020016	1302100015	140250	13446
1302020016	1302012010	31388	3162
1302090001	1302090003	8419	973
1302090001	1302090002	4246	603
1302090001	1302090005	2920	431
1302090001	1302090004	7301	1027
1302090001	1302090007	4761	663
1302090001	1302090006	4053	405
1302090001	1302090009	10894	1252
1302090001	1302060002	64175	6162
1302090001	1302070010	59392	6473
1302090001	1302040008	98489	9349
1302090001	1302040009	94983	9053
1302090001	1302070011	39692	3638
1302090001	1302040004	89268	8503
1302090001	1302040005	89763	8616
1302090001	1302040006	88340	8429
1302090001	1302040007	85129	8003
1302090001	1302100013	19331	1901
1302090001	1302040001	93022	8765
1302090001	1302040002	87717	8261
1302090001	1302040003	90088	8635
1302090001	1302021010	143179	13994

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090001	1302050009	70140	6478
1302090001	1302050008	73829	6842
1302090001	1302100009	14646	1457
1302090001	1302100008	11569	1129
1302090001	1302050005	74625	6919
1302090001	1302050004	81549	7733
1302090001	1302050007	78209	7361
1302090001	1302050006	80637	7624
1302090001	1302050001	81726	7694
1302090001	1302100002	18522	1820
1302090001	1302050003	79426	7338
1302090001	1302050002	76581	7113
1302090001	1302110008	44431	3705
1302090001	1302110009	43604	3804
1302090001	1302110006	33406	2827
1302090001	1302110007	62117	7256
1302090001	1302100014	39271	4177
1302090001	1302110005	23622	2037
1302090001	1302110002	19713	1745
1302090001	1302110003	18803	1635
1302090001	1302110001	15274	1295
1302090001	1302031009	102429	9855
1302090001	1302040013	94598	8977
1302090001	1302040012	99948	9716
1302090001	1302040011	99563	9503
1302090001	1302040010	95031	9066
1302090001	1302040016	88526	8211
1302090001	1302040015	94131	9152
1302090001	1302040014	98305	9453
1302090001	1302100015	6525	799
1302090001	1302012010	166050	16243
1302090003	1302090002	11387	1324
1302090003	1302090005	10060	1152
1302090003	1302090004	14442	1747
1302090003	1302090007	11902	1383
1302090003	1302090006	6730	743

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090003	1302090009	2476	279
1302090003	1302060002	71316	6883
1302090003	1302070010	66533	7194
1302090003	1302040008	105630	10070
1302090003	1302040009	102124	9773
1302090003	1302070011	46833	4359
1302090003	1302040004	96409	9223
1302090003	1302040005	96903	9337
1302090003	1302040006	95481	9149
1302090003	1302040007	92270	8723
1302090003	1302100013	19681	2491
1302090003	1302040001	100163	9485
1302090003	1302040002	94857	8982
1302090003	1302040003	97228	9356
1302090003	1302021010	150320	14715
1302090003	1302050009	77281	7199
1302090003	1302050008	80970	7562
1302090003	1302100009	17978	2034
1302090003	1302100008	14901	1706
1302090003	1302050005	81766	7640
1302090003	1302050004	88690	8454
1302090003	1302050007	85350	8081
1302090003	1302050006	87778	8344
1302090003	1302050001	88867	8414
1302090003	1302100002	18872	2410
1302090003	1302050003	86567	8059
1302090003	1302050002	83722	7834
1302090003	1302110008	47763	4282
1302090003	1302110009	46936	4380
1302090003	1302110006	36738	3403
1302090003	1302110007	65449	7832
1302090003	1302100014	39621	4767
1302090003	1302110005	26954	2614
1302090003	1302110002	23045	2322
1302090003	1302110003	22135	2212
1302090003	1302110001	18606	1872

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090003	1302031009	109570	10576
1302090003	1302040013	101738	9698
1302090003	1302040012	107089	10436
1302090003	1302040011	106704	10223
1302090003	1302040010	102172	9786
1302090003	1302040016	95667	8931
1302090003	1302040015	101272	9873
1302090003	1302040014	105446	10174
1302090003	1302100015	9834	1301
1302090003	1302012010	173190	16963
1302090002	1302090005	2354	435
1302090002	1302090004	6696	1008
1302090002	1302090007	1376	362
1302090002	1302090006	7458	913
1302090002	1302090009	14300	1760
1302090002	1302060002	60167	5628
1302090002	1302070010	55384	5939
1302090002	1302040008	94481	8815
1302090002	1302040009	90975	8518
1302090002	1302070011	35684	3104
1302090002	1302040004	85260	7969
1302090002	1302040005	85755	8082
1302090002	1302040006	84332	7895
1302090002	1302040007	81121	7468
1302090002	1302100013	22737	2409
1302090002	1302040001	89014	8231
1302090002	1302040002	83708	7727
1302090002	1302040003	86079	8101
1302090002	1302021010	139171	13460
1302090002	1302050009	66132	5944
1302090002	1302050008	69821	6307
1302090002	1302100009	18051	1965
1302090002	1302100008	14974	1637
1302090002	1302050005	70617	6385
1302090002	1302050004	77541	7199
1302090002	1302050007	74201	6826

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090002	1302050006	76629	7089
1302090002	1302050001	77718	7160
1302090002	1302100002	21927	2328
1302090002	1302050003	75418	6804
1302090002	1302050002	72573	6579
1302090002	1302110008	47836	4213
1302090002	1302110009	47009	4311
1302090002	1302110006	36811	3335
1302090002	1302110007	65522	7763
1302090002	1302100014	42677	4685
1302090002	1302110005	27027	2545
1302090002	1302110002	23118	2253
1302090002	1302110003	22208	2143
1302090002	1302110001	18679	1803
1302090002	1302031009	98421	9321
1302090002	1302040013	90589	8443
1302090002	1302040012	95940	9182
1302090002	1302040011	95555	8969
1302090002	1302040010	91023	8531
1302090002	1302040016	84518	7677
1302090002	1302040015	90123	8618
1302090002	1302040014	94297	8919
1302090002	1302100015	9931	1306
1302090002	1302012010	162041	15709
1302090005	1302090004	4706	647
1302090005	1302090007	3220	466
1302090005	1302090006	6034	709
1302090005	1302090009	12876	1556
1302090005	1302060002	62634	5966
1302090005	1302070010	57850	6276
1302090005	1302040008	96948	9152
1302090005	1302040009	93442	8856
1302090005	1302070011	38151	3441
1302090005	1302040004	87727	8306
1302090005	1302040005	88221	8419
1302090005	1302040006	86799	8232



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090005	1302040007	83588	7806
1302090005	1302100013	21313	2205
1302090005	1302040001	91481	8568
1302090005	1302040002	86175	8064
1302090005	1302040003	88546	8438
1302090005	1302021010	141637	13798
1302090005	1302050009	68599	6281
1302090005	1302050008	72288	6645
1302090005	1302100009	16627	1762
1302090005	1302100008	13550	1434
1302090005	1302050005	73084	6722
1302090005	1302050004	80008	7537
1302090005	1302050007	76668	7164
1302090005	1302050006	79096	7427
1302090005	1302050001	80185	7497
1302090005	1302100002	20503	2124
1302090005	1302050003	77884	7141
1302090005	1302050002	75040	6916
1302090005	1302110008	46412	4009
1302090005	1302110009	45585	4108
1302090005	1302110006	35387	3131
1302090005	1302110007	64098	7560
1302090005	1302100014	41253	4481
1302090005	1302110005	25603	2342
1302090005	1302110002	21694	2050
1302090005	1302110003	20784	1940
1302090005	1302110001	17255	1599
1302090005	1302031009	100888	9658
1302090005	1302040013	93056	8780
1302090005	1302040012	98406	9519
1302090005	1302040011	98022	9306
1302090005	1302040010	93490	8869
1302090005	1302040016	86985	8014
1302090005	1302040015	92590	8955
1302090005	1302040014	96763	9256
1302090005	1302100015	8506	1103

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090005	1302012010	164508	16046
1302090004	1302090007	7601	1068
1302090004	1302090006	10415	1311
1302090004	1302090009	17257	2158
1302090004	1302060002	67015	6568
1302090004	1302070010	62232	6879
1302090004	1302040008	101329	9755
1302090004	1302040009	97823	9458
1302090004	1302070011	42532	4044
1302090004	1302040004	92108	8908
1302090004	1302040005	92603	9022
1302090004	1302040006	91180	8834
1302090004	1302040007	87969	8408
1302090004	1302100013	25694	2807
1302090004	1302040001	95862	9170
1302090004	1302040002	90557	8667
1302090004	1302040003	92928	9041
1302090004	1302021010	146019	14400
1302090004	1302050009	72980	6884
1302090004	1302050008	76669	7247
1302090004	1302100009	21008	2364
1302090004	1302100008	17931	2036
1302090004	1302050005	77465	7325
1302090004	1302050004	84389	8139
1302090004	1302050007	81049	7766
1302090004	1302050006	83477	8029
1302090004	1302050001	84566	8099
1302090004	1302100002	24885	2726
1302090004	1302050003	82266	7744
1302090004	1302050002	79421	7519
1302090004	1302110008	50793	4612
1302090004	1302110009	49967	4710
1302090004	1302110006	39769	3733
1302090004	1302110007	68480	8162
1302090004	1302100014	45634	5084
1302090004	1302110005	29984	2944

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090004	1302110002	26075	2652
1302090004	1302110003	25165	2542
1302090004	1302110001	21637	2202
1302090004	1302031009	105269	10261
1302090004	1302040013	97438	9383
1302090004	1302040012	102788	10121
1302090004	1302040011	102403	9908
1302090004	1302040010	97871	9471
1302090004	1302040016	91366	8616
1302090004	1302040015	96971	9558
1302090004	1302040014	101145	9859
1302090004	1302100015	12888	1705
1302090004	1302012010	168890	16648
1302090007	1302090006	7842	875
1302090007	1302090009	14683	1722
1302090007	1302060002	60704	5728
1302090007	1302070010	55920	6039
1302090007	1302040008	95018	8915
1302090007	1302040009	91512	8618
1302090007	1302070011	36221	3204
1302090007	1302040004	85797	8069
1302090007	1302040005	86291	8182
1302090007	1302040006	84869	7994
1302090007	1302040007	81658	7568
1302090007	1302100013	23120	2371
1302090007	1302040001	89551	8331
1302090007	1302040002	84245	7827
1302090007	1302040003	86616	8201
1302090007	1302021010	139708	13560
1302090007	1302050009	66669	6044
1302090007	1302050008	70358	6407
1302090007	1302100009	18435	1928
1302090007	1302100008	15357	1600
1302090007	1302050005	71154	6485
1302090007	1302050004	78078	7299
1302090007	1302050007	74738	6926

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090007	1302050006	77166	7189
1302090007	1302050001	78255	7260
1302090007	1302100002	22311	2290
1302090007	1302050003	75955	6904
1302090007	1302050002	73110	6679
1302090007	1302110008	48220	4176
1302090007	1302110009	47393	4274
1302090007	1302110006	37195	3297
1302090007	1302110007	65906	7726
1302090007	1302100014	43060	4647
1302090007	1302110005	27410	2508
1302090007	1302110002	23502	2216
1302090007	1302110003	22591	2106
1302090007	1302110001	19063	1766
1302090007	1302031009	98958	9421
1302090007	1302040013	91126	8543
1302090007	1302040012	96477	9282
1302090007	1302040011	96092	9068
1302090007	1302040010	91560	8631
1302090007	1302040016	85055	7776
1302090007	1302040015	90660	8718
1302090007	1302040014	94834	9019
1302090007	1302100015	10314	1269
1302090007	1302012010	162578	15809
1302090006	1302090009	9206	1019
1302090006	1302060002	66792	6266
1302090006	1302070010	62008	6576
1302090006	1302040008	101106	9452
1302090006	1302040009	97599	9156
1302090006	1302070011	42308	3741
1302090006	1302040004	91885	8606
1302090006	1302040005	92379	8719
1302090006	1302040006	90956	8532
1302090006	1302040007	87745	8106
1302090006	1302100013	12863	1766
1302090006	1302040001	95638	8868

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090006	1302040002	90333	8365
1302090006	1302040003	92704	8738
1302090006	1302021010	145795	14098
1302090006	1302050009	72757	6581
1302090006	1302050008	76446	6945
1302090006	1302100009	11313	1298
1302090006	1302100008	8236	970
1302090006	1302050005	77242	7022
1302090006	1302050004	84166	7837
1302090006	1302050007	80826	7464
1302090006	1302050006	83254	7727
1302090006	1302050001	84343	7797
1302090006	1302100002	12053	1685
1302090006	1302050003	82042	7441
1302090006	1302050002	79198	7216
1302090006	1302110008	41098	3545
1302090006	1302110009	40271	3644
1302090006	1302110006	30073	2667
1302090006	1302110007	58784	7096
1302090006	1302100014	32803	4042
1302090006	1302110005	20289	1878
1302090006	1302110002	16380	1586
1302090006	1302110003	15470	1476
1302090006	1302110001	11941	1135
1302090006	1302031009	105046	9958
1302090006	1302040013	97214	9080
1302090006	1302040012	102564	9819
1302090006	1302040011	102180	9606
1302090006	1302040010	97647	9169
1302090006	1302040016	91143	8314
1302090006	1302040015	96747	9255
1302090006	1302040014	100921	9556
1302090006	1302100015	3015	576
1302090006	1302012010	168666	16346
1302090009	1302060002	73792	7161
1302090009	1302070010	69008	7472

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090009	1302040008	108106	10348
1302090009	1302040009	104599	10052
1302090009	1302070011	49308	4637
1302090009	1302040004	98885	9502
1302090009	1302040005	99379	9615
1302090009	1302040006	97956	9428
1302090009	1302040007	94745	9002
1302090009	1302100013	22157	2769
1302090009	1302040001	102638	9764
1302090009	1302040002	97333	9260
1302090009	1302040003	99704	9634
1302090009	1302021010	152795	14993
1302090009	1302050009	79757	7477
1302090009	1302050008	83446	7841
1302090009	1302100009	20454	2312
1302090009	1302100008	17377	1984
1302090009	1302050005	84242	7918
1302090009	1302050004	91166	8732
1302090009	1302050007	87826	8360
1302090009	1302050006	90253	8623
1302090009	1302050001	91343	8693
1302090009	1302100002	21348	2688
1302090009	1302050003	89042	8337
1302090009	1302050002	86198	8112
1302090009	1302110008	50239	4560
1302090009	1302110009	49412	4659
1302090009	1302110006	39214	3682
1302090009	1302110007	67925	8110
1302090009	1302100014	42097	5046
1302090009	1302110005	29430	2892
1302090009	1302110002	25521	2600
1302090009	1302110003	24611	2490
1302090009	1302110001	21082	2150
1302090009	1302031009	112046	10854
1302090009	1302040013	104214	9976
1302090009	1302040012	109564	10715

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302090009	1302040011	109180	10502
1302090009	1302040010	104647	10065
1302090009	1302040016	98143	9210
1302090009	1302040015	103747	10151
1302090009	1302040014	107921	10452
1302090009	1302100015	12309	1580
1302090009	1302012010	175666	17242
1302060002	1302070010	39610	5011
1302060002	1302040008	48265	4920
1302060002	1302040009	44759	4623
1302060002	1302070011	24483	2575
1302060002	1302040004	39044	4074
1302060002	1302040005	39539	4187
1302060002	1302040006	38116	3999
1302060002	1302040007	34905	3573
1302060002	1302100013	82569	7879
1302060002	1302040001	42798	4336
1302060002	1302040002	37493	3832
1302060002	1302040003	39863	4206
1302060002	1302021010	92955	9565
1302060002	1302050009	19916	2049
1302060002	1302050008	23605	2412
1302060002	1302100009	77884	7436
1302060002	1302100008	74807	7108
1302060002	1302050005	24401	2490
1302060002	1302050004	31325	3304
1302060002	1302050007	27985	2931
1302060002	1302050006	30413	3194
1302060002	1302050001	31502	3265
1302060002	1302100002	81760	7798
1302060002	1302050003	29202	2909
1302060002	1302050002	26357	2684
1302060002	1302110008	107669	9684
1302060002	1302110009	106842	9782
1302060002	1302110006	96644	8805
1302060002	1302110007	125355	13234

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302060002	1302100014	102509	10156
1302060002	1302110005	86860	8016
1302060002	1302110002	82951	7724
1302060002	1302110003	82041	7614
1302060002	1302110001	78512	7274
1302060002	1302031009	52205	5426
1302060002	1302040013	44374	4548
1302060002	1302040012	49724	5287
1302060002	1302040011	49339	5074
1302060002	1302040010	44807	4636
1302060002	1302040016	38302	3781
1302060002	1302040015	43907	4723
1302060002	1302040014	48081	5024
1302060002	1302100015	69763	6777
1302060002	1302012010	115826	11814
1302070010	1302040008	73924	8144
1302070010	1302040009	70418	7848
1302070010	1302070011	19700	2916
1302070010	1302040004	64703	7298
1302070010	1302040005	65198	7411
1302070010	1302040006	63775	7224
1302070010	1302040007	60564	6798
1302070010	1302100013	77786	8221
1302070010	1302040001	68457	7560
1302070010	1302040002	63152	7057
1302070010	1302040003	65522	7430
1302070010	1302021010	118614	12790
1302070010	1302050009	45575	5273
1302070010	1302050008	49264	5637
1302070010	1302100009	73100	7778
1302070010	1302100008	70023	7450
1302070010	1302050005	50060	5714
1302070010	1302050004	56984	6529
1302070010	1302050007	53644	6156
1302070010	1302050006	56072	6419
1302070010	1302050001	57161	6489



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070010	1302100002	76977	8140
1302070010	1302050003	54861	6134
1302070010	1302050002	52016	5909
1302070010	1302110008	102886	10025
1302070010	1302110009	102059	10124
1302070010	1302110006	91861	9147
1302070010	1302110007	120572	13576
1302070010	1302100014	97726	10497
1302070010	1302110005	82076	8358
1302070010	1302110002	78167	8066
1302070010	1302110003	77257	7956
1302070010	1302110001	73729	7615
1302070010	1302031009	77864	8651
1302070010	1302040013	70033	7772
1302070010	1302040012	75383	8511
1302070010	1302040011	74998	8298
1302070010	1302040010	70466	7861
1302070010	1302040016	63961	7006
1302070010	1302040015	69566	7948
1302070010	1302040014	73740	8248
1302070010	1302100015	64980	7119
1302070010	1302012010	141484	15038
1302040008	1302040009	3768	331
1302040008	1302070011	58797	5585
1302040008	1302040004	11136	1384
1302040008	1302040005	17552	2085
1302040008	1302040006	16129	1897
1302040008	1302040007	12448	1385
1302040008	1302100013	116884	10890
1302040008	1302040001	5467	572
1302040008	1302040002	9861	1130
1302040008	1302040003	11955	1517
1302040008	1302021010	50344	5191
1302040008	1302050009	28493	2824
1302040008	1302050008	26089	2769
1302040008	1302100009	112198	10447

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302040008	1302100008	109121	10119
1302040008	1302050005	22952	2398
1302040008	1302050004	18263	1965
1302040008	1302050007	23771	2699
1302040008	1302050006	22022	2476
1302040008	1302050001	15851	1694
1302040008	1302100002	116074	10809
1302040008	1302050003	19087	1950
1302040008	1302050002	23231	2559
1302040008	1302110008	141983	12694
1302040008	1302110009	141156	12793
1302040008	1302110006	130958	11816
1302040008	1302110007	159669	16245
1302040008	1302100014	136824	13166
1302040008	1302110005	121174	11027
1302040008	1302110002	117265	10735
1302040008	1302110003	116355	10625
1302040008	1302110001	112826	10284
1302040008	1302031009	9594	1052
1302040008	1302040013	5570	620
1302040008	1302040012	10126	1185
1302040008	1302040011	6728	699
1302040008	1302040010	5501	535
1302040008	1302040016	11852	1260
1302040008	1302040015	10329	1403
1302040008	1302040014	8483	922
1302040008	1302100015	104078	9788
1302040008	1302012010	73214	7439
1302040009	1302070011	55291	5283
1302040009	1302040004	7629	1082
1302040009	1302040005	14046	1782
1302040009	1302040006	12623	1595
1302040009	1302040007	8942	1082
1302040009	1302100013	113377	10587
1302040009	1302040001	1961	269
1302040009	1302040002	6354	827

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302040009	1302040003	8449	1214
1302040009	1302021010	50485	5286
1302040009	1302050009	24987	2521
1302040009	1302050008	22583	2466
1302040009	1302100009	108692	10144
1302040009	1302100008	105614	9816
1302040009	1302050005	19446	2095
1302040009	1302050004	14756	1662
1302040009	1302050007	20265	2396
1302040009	1302050006	18515	2173
1302040009	1302050001	12345	1391
1302040009	1302100002	112568	10506
1302040009	1302050003	15581	1647
1302040009	1302050002	19724	2256
1302040009	1302110008	138477	12392
1302040009	1302110009	137650	12490
1302040009	1302110006	127452	11513
1302040009	1302110007	156163	15942
1302040009	1302100014	133317	12864
1302040009	1302110005	117667	10724
1302040009	1302110002	113758	10432
1302040009	1302110003	112848	10322
1302040009	1302110001	109320	9982
1302040009	1302031009	9736	1147
1302040009	1302040013	2064	317
1302040009	1302040012	7414	1056
1302040009	1302040011	6870	795
1302040009	1302040010	1994	232
1302040009	1302040016	8346	957
1302040009	1302040015	6822	1100
1302040009	1302040014	5771	793
1302040009	1302100015	100571	9485
1302040009	1302012010	73356	7535
1302070011	1302040004	49576	4865
1302070011	1302040005	50071	4978
1302070011	1302040006	48648	4790

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070011	1302040007	45437	4364
1302070011	1302100013	58086	5304
1302070011	1302040001	53330	5127
1302070011	1302040002	48025	4623
1302070011	1302040003	50396	4997
1302070011	1302021010	103487	10356
1302070011	1302050009	30448	2840
1302070011	1302050008	34137	3203
1302070011	1302100009	53401	4861
1302070011	1302100008	50323	4533
1302070011	1302050005	34933	3281
1302070011	1302050004	41857	4095
1302070011	1302050007	38517	3722
1302070011	1302050006	40945	3985
1302070011	1302050001	42034	4056
1302070011	1302100002	57277	5223
1302070011	1302050003	39734	3700
1302070011	1302050002	36889	3475
1302070011	1302110008	83186	7109
1302070011	1302110009	82359	7207
1302070011	1302110006	72161	6230
1302070011	1302110007	100872	10659
1302070011	1302100014	78026	7581
1302070011	1302110005	62376	5441
1302070011	1302110002	58467	5149
1302070011	1302110003	57557	5039
1302070011	1302110001	54029	4699
1302070011	1302031009	62737	6217
1302070011	1302040013	54906	5339
1302070011	1302040012	60256	6078
1302070011	1302040011	59871	5865
1302070011	1302040010	55339	5427
1302070011	1302040016	48834	4572
1302070011	1302040015	54439	5514
1302070011	1302040014	58613	5815
1302070011	1302100015	45280	4202

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302070011	1302012010	126358	12605
1302040004	1302040005	9243	1274
1302040004	1302040006	7820	1087
1302040004	1302040007	4139	575
1302040004	1302100013	107662	10131
1302040004	1302040001	5668	819
1302040004	1302040002	1551	319
1302040004	1302040003	819	132
1302040004	1302021010	55825	6048
1302040004	1302050009	19272	2064
1302040004	1302050008	17780	1959
1302040004	1302100009	102977	9687
1302040004	1302100008	99900	9359
1302040004	1302050005	14643	1587
1302040004	1302050004	9954	1154
1302040004	1302050007	15462	1888
1302040004	1302050006	13712	1665
1302040004	1302050001	7542	883
1302040004	1302100002	106853	10050
1302040004	1302050003	10891	1205
1302040004	1302050002	14922	1748
1302040004	1302110008	132762	11935
1302040004	1302110009	131935	12034
1302040004	1302110006	121737	11057
1302040004	1302110007	150448	15486
1302040004	1302100014	127602	12407
1302040004	1302110005	111953	10267
1302040004	1302110002	108044	9975
1302040004	1302110003	107134	9865
1302040004	1302110001	103605	9525
1302040004	1302031009	15076	1909
1302040004	1302040013	7244	1031
1302040004	1302040012	12594	1770
1302040004	1302040011	12209	1557
1302040004	1302040010	7677	1120
1302040004	1302040016	4581	644

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302040004	1302040015	4917	800
1302040004	1302040014	10951	1507
1302040004	1302100015	94856	9029
1302040004	1302012010	78696	8297
1302040005	1302040006	1423	182
1302040005	1302040007	5104	679
1302040005	1302100013	108157	10235
1302040005	1302040001	12084	1511
1302040005	1302040002	7691	938
1302040005	1302040003	10062	1312
1302040005	1302021010	62241	6740
1302040005	1302050009	19767	2169
1302040005	1302050008	18275	2063
1302040005	1302100009	103471	9792
1302040005	1302100008	100394	9464
1302040005	1302050005	15137	1692
1302040005	1302050004	10448	1258
1302040005	1302050007	15957	1993
1302040005	1302050006	14207	1770
1302040005	1302050001	8037	987
1302040005	1302100002	107348	10154
1302040005	1302050003	12196	1365
1302040005	1302050002	15416	1853
1302040005	1302110008	133257	12040
1302040005	1302110009	132430	12138
1302040005	1302110006	122232	11161
1302040005	1302110007	150943	15590
1302040005	1302100014	128097	12511
1302040005	1302110005	112447	10372
1302040005	1302110002	108538	10080
1302040005	1302110003	107628	9970
1302040005	1302110001	104100	9629
1302040005	1302031009	21492	2601
1302040005	1302040013	13660	1723
1302040005	1302040012	19010	2462
1302040005	1302040011	18626	2249

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302040005	1302040010	14094	1812
1302040005	1302040016	8114	1075
1302040005	1302040015	14106	1829
1302040005	1302040014	17367	2199
1302040005	1302100015	95351	9133
1302040005	1302012010	85112	8989
1302040006	1302040007	3681	497
1302040006	1302100013	106734	10053
1302040006	1302040001	10662	1329
1302040006	1302040002	6269	756
1302040006	1302040003	8639	1130
1302040006	1302021010	60819	6559
1302040006	1302050009	18344	1987
1302040006	1302050008	16852	1881
1302040006	1302100009	102049	9610
1302040006	1302100008	98971	9282
1302040006	1302050005	13715	1510
1302040006	1302050004	9025	1077
1302040006	1302050007	14534	1811
1302040006	1302050006	12784	1588
1302040006	1302050001	6614	806
1302040006	1302100002	105925	9972
1302040006	1302050003	10773	1183
1302040006	1302050002	13994	1671
1302040006	1302110008	131834	11858
1302040006	1302110009	131007	11956
1302040006	1302110006	120809	10979
1302040006	1302110007	149520	15408
1302040006	1302100014	126674	12330
1302040006	1302110005	111024	10190
1302040006	1302110002	107115	9898
1302040006	1302110003	106205	9788
1302040006	1302110001	102677	9448
1302040006	1302031009	20069	2419
1302040006	1302040013	12237	1541
1302040006	1302040012	17588	2280

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302040006	1302040011	17203	2067
1302040006	1302040010	12671	1630
1302040006	1302040016	6692	893
1302040006	1302040015	12683	1647
1302040006	1302040014	15945	2017
1302040006	1302100015	93928	8951
1302040006	1302012010	83689	8807
1302040007	1302100013	103523	9556
1302040007	1302040001	6981	832
1302040007	1302040002	2588	259
1302040007	1302040003	4959	633
1302040007	1302021010	57138	6061
1302040007	1302050009	15133	1490
1302040007	1302050008	13641	1384
1302040007	1302100009	98838	9113
1302040007	1302100008	95760	8785
1302040007	1302050005	10504	1013
1302040007	1302050004	5814	580
1302040007	1302050007	11323	1314
1302040007	1302050006	9573	1091
1302040007	1302050001	3403	309
1302040007	1302100002	102714	9475
1302040007	1302050003	7562	686
1302040007	1302050002	10783	1174
1302040007	1302110008	128623	11361
1302040007	1302110009	127796	11459
1302040007	1302110006	117598	10482
1302040007	1302110007	146309	14911
1302040007	1302100014	123463	11832
1302040007	1302110005	107813	9693
1302040007	1302110002	103904	9401
1302040007	1302110003	102994	9291
1302040007	1302110001	99466	8951
1302040007	1302031009	16388	1922
1302040007	1302040013	8557	1044
1302040007	1302040012	13907	1783



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302040007	1302040011	13522	1570
1302040007	1302040010	8990	1132
1302040007	1302040016	3011	396
1302040007	1302040015	9002	1150
1302040007	1302040014	12264	1520
1302040007	1302100015	90717	8454
1302040007	1302012010	80009	8310
1302100013	1302040001	111422	10444
1302100013	1302040002	106116	9940
1302100013	1302040003	108487	10314
1302100013	1302021010	161579	15673
1302100013	1302050009	88540	8157
1302100013	1302050008	92229	8521
1302100013	1302100009	5625	671
1302100013	1302100008	8429	885
1302100013	1302050005	93025	8598
1302100013	1302050004	99949	9412
1302100013	1302050007	96609	9039
1302100013	1302050006	99037	9302
1302100013	1302050001	100126	9373
1302100013	1302100002	809	81
1302100013	1302050003	97826	9017
1302100013	1302050002	94981	8792
1302100013	1302110008	45436	4028
1302100013	1302110009	44610	4127
1302100013	1302110006	34411	3150
1302100013	1302110007	63122	7579
1302100013	1302100014	19940	2276
1302100013	1302110005	24627	2361
1302100013	1302110002	20718	2069
1302100013	1302110003	19808	1959
1302100013	1302110001	16279	1618
1302100013	1302031009	120829	11534
1302100013	1302040013	112997	10656
1302100013	1302040012	118348	11395
1302100013	1302040011	117963	11182

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100013	1302040010	113431	10744
1302100013	1302040016	106926	9890
1302100013	1302040015	112531	10831
1302100013	1302040014	116705	11132
1302100013	1302100015	9848	1198
1302100013	1302012010	184449	17922
1302040001	1302040002	4393	558
1302040001	1302040003	6487	945
1302040001	1302021010	50157	5230
1302040001	1302050009	23026	2252
1302040001	1302050008	20622	2197
1302040001	1302100009	106731	9875
1302040001	1302100008	103653	9547
1302040001	1302050005	17484	1826
1302040001	1302050004	12795	1393
1302040001	1302050007	18304	2127
1302040001	1302050006	16554	1904
1302040001	1302050001	10384	1122
1302040001	1302100002	110607	10237
1302040001	1302050003	13620	1378
1302040001	1302050002	17763	1987
1302040001	1302110008	136516	12123
1302040001	1302110009	135689	12221
1302040001	1302110006	125491	11244
1302040001	1302110007	154202	15673
1302040001	1302100014	131356	12595
1302040001	1302110005	115706	10455
1302040001	1302110002	111797	10163
1302040001	1302110003	110887	10053
1302040001	1302110001	107359	9713
1302040001	1302031009	9407	1090
1302040001	1302040013	1576	212
1302040001	1302040012	6926	951
1302040001	1302040011	6541	738
1302040001	1302040010	2009	301
1302040001	1302040016	6385	688

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302040001	1302040015	4861	832
1302040001	1302040014	5283	688
1302040001	1302100015	98610	9216
1302040001	1302012010	73028	7478
1302040002	1302040003	2371	374
1302040002	1302021010	54550	5803
1302040002	1302050009	17721	1745
1302040002	1302050008	16229	1639
1302040002	1302100009	101425	9368
1302040002	1302100008	98348	9040
1302040002	1302050005	13091	1268
1302040002	1302050004	8402	835
1302040002	1302050007	13911	1569
1302040002	1302050006	12161	1346
1302040002	1302050001	5991	564
1302040002	1302100002	105302	9730
1302040002	1302050003	9340	886
1302040002	1302050002	13370	1429
1302040002	1302110008	131210	11616
1302040002	1302110009	130384	11714
1302040002	1302110006	120186	10737
1302040002	1302110007	148897	15166
1302040002	1302100014	126051	12088
1302040002	1302110005	110401	9948
1302040002	1302110002	106492	9656
1302040002	1302110003	105582	9546
1302040002	1302110001	102053	9206
1302040002	1302031009	13800	1663
1302040002	1302040013	5969	785
1302040002	1302040012	11319	1524
1302040002	1302040011	10934	1311
1302040002	1302040010	6402	874
1302040002	1302040016	3306	398
1302040002	1302040015	6414	891
1302040002	1302040014	9676	1261
1302040002	1302100015	93305	8709

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302040002	1302012010	77421	8051
1302040003	1302021010	56644	6181
1302040003	1302050009	20092	2197
1302040003	1302050008	18599	2091
1302040003	1302100009	103796	9820
1302040003	1302100008	100719	9492
1302040003	1302050005	15462	1720
1302040003	1302050004	10773	1286
1302040003	1302050007	16282	2021
1302040003	1302050006	14532	1798
1302040003	1302050001	8361	1015
1302040003	1302100002	107672	10182
1302040003	1302050003	11711	1338
1302040003	1302050002	15741	1881
1302040003	1302110008	133581	12068
1302040003	1302110009	132754	12166
1302040003	1302110006	122556	11189
1302040003	1302110007	151267	15618
1302040003	1302100014	128422	12539
1302040003	1302110005	112772	10400
1302040003	1302110002	108863	10108
1302040003	1302110003	107953	9998
1302040003	1302110001	104424	9657
1302040003	1302031009	15895	2041
1302040003	1302040013	8063	1163
1302040003	1302040012	13413	1902
1302040003	1302040011	13029	1689
1302040003	1302040010	8496	1252
1302040003	1302040016	5400	776
1302040003	1302040015	5521	892
1302040003	1302040014	11770	1639
1302040003	1302100015	95676	9161
1302040003	1302012010	79515	8429
1302021010	1302050009	73183	7503
1302021010	1302050008	70779	7448
1302021010	1302100009	156888	15126

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302021010	1302100008	153810	14798
1302021010	1302050005	67641	7077
1302021010	1302050004	62952	6644
1302021010	1302050007	68461	7378
1302021010	1302050006	66711	7155
1302021010	1302050001	60541	6373
1302021010	1302100002	160764	15488
1302021010	1302050003	63777	6629
1302021010	1302050002	67920	7238
1302021010	1302110008	186673	17374
1302021010	1302110009	185846	17472
1302021010	1302110006	175648	16495
1302021010	1302110007	204359	20924
1302021010	1302100014	181513	17845
1302021010	1302110005	165863	15706
1302021010	1302110002	161954	15414
1302021010	1302110003	161044	15304
1302021010	1302110001	157516	14964
1302021010	1302031009	40569	4292
1302021010	1302040013	49712	5213
1302021010	1302040012	52333	5590
1302021010	1302040011	43616	4513
1302021010	1302040010	48491	5005
1302021010	1302040016	56542	5939
1302021010	1302040015	55018	6082
1302021010	1302040014	50690	5327
1302021010	1302100015	148767	14467
1302021010	1302012010	35383	3500
1302050009	1302050008	3859	523
1302050009	1302100009	83849	7653
1302050009	1302100008	80772	7325
1302050009	1302050005	4629	471
1302050009	1302050004	13156	1371
1302050009	1302050007	8239	1042
1302050009	1302050006	10667	1305
1302050009	1302050001	11730	1245

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302050009	1302100002	87725	8015
1302050009	1302050003	9430	890
1302050009	1302050002	6611	794
1302050009	1302110008	113634	9900
1302050009	1302110009	112807	9999
1302050009	1302110006	102609	9022
1302050009	1302110007	131320	13451
1302050009	1302100014	108474	10372
1302050009	1302110005	92825	8233
1302050009	1302110002	88916	7941
1302050009	1302110003	88006	7831
1302050009	1302110001	84477	7490
1302050009	1302031009	32433	3407
1302050009	1302040013	24602	2528
1302050009	1302040012	29952	3267
1302050009	1302040011	29567	3054
1302050009	1302040010	25035	2617
1302050009	1302040016	18530	1762
1302050009	1302040015	24135	2704
1302050009	1302040014	28309	3004
1302050009	1302100015	75728	6994
1302050009	1302012010	96054	9794
1302050008	1302100009	87538	8029
1302050008	1302100008	84461	7701
1302050008	1302050005	5044	523
1302050008	1302050004	7720	892
1302050008	1302050007	4380	519
1302050008	1302050006	6808	782
1302050008	1302050001	10238	1073
1302050008	1302100002	91414	8392
1302050008	1302050003	10565	1050
1302050008	1302050002	2752	272
1302050008	1302110008	117323	10277
1302050008	1302110009	116496	10375
1302050008	1302110006	106298	9399
1302050008	1302110007	135009	13827

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302050008	1302100014	112164	10749
1302050008	1302110005	96514	8609
1302050008	1302110002	92605	8317
1302050008	1302110003	91695	8207
1302050008	1302110001	88166	7867
1302050008	1302031009	30029	3304
1302050008	1302040013	22198	2426
1302050008	1302040012	27548	3165
1302050008	1302040011	27163	2952
1302050008	1302040010	22631	2515
1302050008	1302040016	16652	1778
1302050008	1302040015	22643	2532
1302050008	1302040014	25905	2902
1302050008	1302100015	79417	7370
1302050008	1302012010	93649	9692
1302100009	1302100008	3744	419
1302100009	1302050005	88339	8138
1302100009	1302050004	95263	8952
1302100009	1302050007	91923	8579
1302100009	1302050006	94351	8842
1302100009	1302050001	95440	8913
1302100009	1302100002	4815	576
1302100009	1302050003	93140	8557
1302100009	1302050002	90295	8332
1302100009	1302110008	40751	3568
1302100009	1302110009	39924	3667
1302100009	1302110006	29726	2690
1302100009	1302110007	58437	7119
1302100009	1302100014	25565	2933
1302100009	1302110005	19942	1900
1302100009	1302110002	16033	1609
1302100009	1302110003	15122	1499
1302100009	1302110001	11594	1158
1302100009	1302031009	116143	11074
1302100009	1302040013	108312	10196
1302100009	1302040012	113662	10935

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100009	1302040011	113277	10722
1302100009	1302040010	108745	10284
1302100009	1302040016	102240	9429
1302100009	1302040015	107845	10371
1302100009	1302040014	112019	10672
1302100009	1302100015	7324	932
1302100009	1302012010	179764	17462
1302100008	1302050005	85262	7815
1302100008	1302050004	92186	8629
1302100008	1302050007	88846	8256
1302100008	1302050006	91274	8519
1302100008	1302050001	92363	8589
1302100008	1302100002	7620	788
1302100008	1302050003	90063	8234
1302100008	1302050002	87218	8009
1302100008	1302110008	37674	3245
1302100008	1302110009	36847	3344
1302100008	1302110006	26649	2367
1302100008	1302110007	55360	6795
1302100008	1302100014	28369	3145
1302100008	1302110005	16864	1577
1302100008	1302110002	12955	1285
1302100008	1302110003	12045	1175
1302100008	1302110001	8517	835
1302100008	1302031009	113066	10751
1302100008	1302040013	105235	9873
1302100008	1302040012	110585	10612
1302100008	1302040011	110200	10398
1302100008	1302040010	105668	9961
1302100008	1302040016	99163	9106
1302100008	1302040015	104768	10048
1302100008	1302040014	108942	10349
1302100008	1302100015	6018	758
1302100008	1302012010	176686	17139
1302050005	1302050004	8527	901
1302050005	1302050007	9424	1115



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302050005	1302050006	11851	1378
1302050005	1302050001	7101	775
1302050005	1302100002	92210	8462
1302050005	1302050003	5516	540
1302050005	1302050002	7796	867
1302050005	1302110008	118119	10348
1302050005	1302110009	117292	10446
1302050005	1302110006	107094	9469
1302050005	1302110007	135805	13898
1302050005	1302100014	112960	10820
1302050005	1302110005	97310	8680
1302050005	1302110002	93401	8388
1302050005	1302110003	92491	8278
1302050005	1302110001	88962	7938
1302050005	1302031009	26892	3005
1302050005	1302040013	19060	2127
1302050005	1302040012	24410	2866
1302050005	1302040011	24026	2653
1302050005	1302040010	19494	2216
1302050005	1302040016	14617	1412
1302050005	1302040015	19506	2233
1302050005	1302040014	22767	2603
1302050005	1302100015	80213	7441
1302050005	1302012010	90512	9393
1302050004	1302050007	5509	734
1302050004	1302050006	3759	511
1302050004	1302050001	2412	295
1302050004	1302100002	99134	9238
1302050004	1302050003	6005	711
1302050004	1302050002	4968	594
1302050004	1302110008	125043	11123
1302050004	1302110009	124216	11222
1302050004	1302110006	114018	10245
1302050004	1302110007	142729	14674
1302050004	1302100014	119884	11595
1302050004	1302110005	104234	9456

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302050004	1302110002	100325	9164
1302050004	1302110003	99415	9054
1302050004	1302110001	95886	8713
1302050004	1302031009	22203	2526
1302050004	1302040013	14371	1648
1302050004	1302040012	19721	2386
1302050004	1302040011	19337	2173
1302050004	1302040010	14804	1736
1302050004	1302040016	8825	1000
1302050004	1302040015	14816	1753
1302050004	1302040014	18078	2124
1302050004	1302100015	87137	8217
1302050004	1302012010	85823	8913
1302050007	1302050006	4596	635
1302050007	1302050001	7920	1040
1302050007	1302100002	95794	8961
1302050007	1302050003	11514	1456
1302050007	1302050002	1628	317
1302050007	1302110008	121703	10846
1302050007	1302110009	120876	10944
1302050007	1302110006	110678	9968
1302050007	1302110007	139389	14396
1302050007	1302100014	116544	11318
1302050007	1302110005	100894	9178
1302050007	1302110002	96985	8886
1302050007	1302110003	96075	8776
1302050007	1302110001	92546	8436
1302050007	1302031009	27711	3270
1302050007	1302040013	19880	2392
1302050007	1302040012	25230	3131
1302050007	1302040011	24845	2918
1302050007	1302040010	20313	2481
1302050007	1302040016	14334	1744
1302050007	1302040015	20325	2498
1302050007	1302040014	23587	2868
1302050007	1302100015	83797	7939

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302050007	1302012010	91332	9658
1302050006	1302050001	6170	817
1302050006	1302100002	98222	9225
1302050006	1302050003	9764	1233
1302050006	1302050002	4056	581
1302050006	1302110008	124131	11111
1302050006	1302110009	123304	11209
1302050006	1302110006	113106	10232
1302050006	1302110007	141817	14661
1302050006	1302100014	118971	11583
1302050006	1302110005	103321	9443
1302050006	1302110002	99412	9151
1302050006	1302110003	98502	9041
1302050006	1302110001	94974	8701
1302050006	1302031009	25961	3048
1302050006	1302040013	18130	2170
1302050006	1302040012	23480	2908
1302050006	1302040011	23095	2695
1302050006	1302040010	18563	2258
1302050006	1302040016	12584	1522
1302050006	1302040015	18575	2275
1302050006	1302040014	21837	2646
1302050006	1302100015	86225	8204
1302050006	1302012010	89582	9435
1302050001	1302100002	99311	9167
1302050001	1302050003	4579	476
1302050001	1302050002	7380	865
1302050001	1302110008	125220	11052
1302050001	1302110009	124393	11150
1302050001	1302110006	114195	10174
1302050001	1302110007	142906	14602
1302050001	1302100014	120060	11524
1302050001	1302110005	104411	9384
1302050001	1302110002	100502	9092
1302050001	1302110003	99591	8982
1302050001	1302110001	96063	8642

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302050001	1302031009	19791	2231
1302050001	1302040013	11960	1353
1302050001	1302040012	17310	2091
1302050001	1302040011	16925	1878
1302050001	1302040010	12393	1441
1302050001	1302040016	6414	705
1302050001	1302040015	12405	1458
1302050001	1302040014	15667	1829
1302050001	1302100015	87314	8145
1302050001	1302012010	83411	8618
1302100002	1302050003	97016	8936
1302100002	1302050002	94171	8711
1302100002	1302110008	44627	3947
1302100002	1302110009	43800	4046
1302100002	1302110006	33602	3069
1302100002	1302110007	62313	7498
1302100002	1302100014	20749	2357
1302100002	1302110005	23818	2280
1302100002	1302110002	19909	1988
1302100002	1302110003	18999	1878
1302100002	1302110001	15470	1537
1302100002	1302031009	120020	11453
1302100002	1302040013	112188	10575
1302100002	1302040012	117538	11314
1302100002	1302040011	117153	11101
1302100002	1302040010	112621	10664
1302100002	1302040016	106116	9809
1302100002	1302040015	111721	10750
1302100002	1302040014	115895	11051
1302100002	1302100015	9038	1117
1302100002	1302012010	183640	17841
1302050003	1302050002	10973	1280
1302050003	1302110008	122920	10762
1302050003	1302110009	122093	10860
1302050003	1302110006	111895	9883
1302050003	1302110007	140606	14312

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302050003	1302100014	117760	11234
1302050003	1302110005	102110	9094
1302050003	1302110002	98201	8802
1302050003	1302110003	97291	8692
1302050003	1302110001	93763	8352
1302050003	1302031009	23027	2541
1302050003	1302040013	15195	1663
1302050003	1302040012	20546	2402
1302050003	1302040011	20161	2188
1302050003	1302040010	15629	1751
1302050003	1302040016	9124	896
1302050003	1302040015	15754	1858
1302050003	1302040014	18903	2139
1302050003	1302100015	85014	7855
1302050003	1302012010	86647	8929
1302050002	1302110008	120075	10529
1302050002	1302110009	119248	10628
1302050002	1302110006	109050	9651
1302050002	1302110007	137761	14080
1302050002	1302100014	114915	11001
1302050002	1302110005	99266	8862
1302050002	1302110002	95357	8570
1302050002	1302110003	94447	8460
1302050002	1302110001	90918	8119
1302050002	1302031009	27171	3146
1302050002	1302040013	19339	2268
1302050002	1302040012	24689	3007
1302050002	1302040011	24305	2793
1302050002	1302040010	19772	2356
1302050002	1302040016	13793	1620
1302050002	1302040015	19785	2373
1302050002	1302040014	23046	2744
1302050002	1302100015	82169	7623
1302050002	1302012010	90791	9534
1302110008	1302110009	13215	1236
1302110008	1302110006	11473	980

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110008	1302110007	17686	3550
1302110008	1302100014	65376	6218
1302110008	1302110005	20809	1656
1302110008	1302110002	27798	2358
1302110008	1302110003	25674	2111
1302110008	1302110001	29157	2412
1302110008	1302031009	145928	13348
1302110008	1302040013	138097	12469
1302110008	1302040012	143447	13208
1302110008	1302040011	143062	12995
1302110008	1302040010	138530	12558
1302110008	1302040016	132025	11703
1302110008	1302040015	137630	12645
1302110008	1302040014	141804	12945
1302110008	1302100015	39158	3387
1302110008	1302012010	209549	19735
1302110009	1302110006	10646	1064
1302110009	1302110007	30901	4857
1302110009	1302100014	64550	6302
1302110009	1302110005	19983	1740
1302110009	1302110002	26972	2442
1302110009	1302110003	24848	2195
1302110009	1302110001	28330	2495
1302110009	1302031009	145102	13431
1302110009	1302040013	137270	12553
1302110009	1302040012	142620	13292
1302110009	1302040011	142236	13079
1302110009	1302040010	137703	12642
1302110009	1302040016	131199	11787
1302110009	1302040015	136803	12728
1302110009	1302040014	140977	13029
1302110009	1302100015	38332	3471
1302110009	1302012010	208722	19819
1302110006	1302110007	29159	4518
1302110006	1302100014	54352	5414
1302110006	1302110005	9784	852

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110006	1302110002	16774	1554
1302110006	1302110003	14650	1307
1302110006	1302110001	18132	1608
1302110006	1302031009	134904	12543
1302110006	1302040013	127072	11665
1302110006	1302040012	132422	12404
1302110006	1302040011	132038	12191
1302110006	1302040010	127505	11754
1302110006	1302040016	121001	10899
1302110006	1302040015	126605	11840
1302110006	1302040014	130779	12141
1302110006	1302100015	28134	2583
1302110006	1302012010	198524	18931
1302110007	1302100014	83063	9855
1302110007	1302110005	38495	5293
1302110007	1302110002	45485	5995
1302110007	1302110003	43360	5748
1302110007	1302110001	46843	6048
1302110007	1302031009	163615	16984
1302110007	1302040013	155783	16106
1302110007	1302040012	161133	16845
1302110007	1302040011	160749	16632
1302110007	1302040010	156216	16195
1302110007	1302040016	149711	15340
1302110007	1302040015	155316	16281
1302110007	1302040014	159490	16582
1302110007	1302100015	56845	7024
1302110007	1302012010	227235	23372
1302100014	1302110005	44567	4634
1302100014	1302110002	40658	4342
1302100014	1302110003	39748	4232
1302100014	1302110001	36219	3892
1302100014	1302031009	140769	13807
1302100014	1302040013	132937	12929
1302100014	1302040012	138288	13668
1302100014	1302040011	137903	13455

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302100014	1302040010	133371	13018
1302100014	1302040016	126866	12163
1302100014	1302040015	132471	13104
1302100014	1302040014	136645	13405
1302100014	1302100015	29788	3471
1302100014	1302012010	204389	20195
1302110005	1302110002	6989	702
1302110005	1302110003	4865	455
1302110005	1302110001	8348	755
1302110005	1302031009	125119	11691
1302110005	1302040013	117288	10813
1302110005	1302040012	122638	11552
1302110005	1302040011	122253	11339
1302110005	1302040010	117721	10902
1302110005	1302040016	111216	10047
1302110005	1302040015	116821	10988
1302110005	1302040014	120995	11289
1302110005	1302100015	18349	1731
1302110005	1302012010	188740	18079
1302110002	1302110003	2170	302
1302110002	1302110001	4439	519
1302110002	1302031009	121210	11455
1302110002	1302040013	113379	10577
1302110002	1302040012	118729	11315
1302110002	1302040011	118344	11102
1302110002	1302040010	113812	10665
1302110002	1302040016	107307	9810
1302110002	1302040015	112912	10752
1302110002	1302040014	117086	11053
1302110002	1302100015	14440	1494
1302110002	1302012010	184831	17842
1302110003	1302110001	3529	414
1302110003	1302031009	120300	11350
1302110003	1302040013	112469	10472
1302110003	1302040012	117819	11211
1302110003	1302040011	117434	10997



Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302110003	1302040010	112902	10560
1302110003	1302040016	106397	9705
1302110003	1302040015	112002	10647
1302110003	1302040014	116176	10948
1302110003	1302100015	13530	1389
1302110003	1302012010	183920	17738
1302110001	1302031009	116771	10936
1302110001	1302040013	108940	10058
1302110001	1302040012	114290	10797
1302110001	1302040011	113905	10583
1302110001	1302040010	109373	10146
1302110001	1302040016	102868	9291
1302110001	1302040015	108473	10233
1302110001	1302040014	112647	10534
1302110001	1302100015	10001	975
1302110001	1302012010	180392	17324
1302031009	1302040013	8962	1053
1302031009	1302040012	11584	1430
1302031009	1302040011	2866	352
1302031009	1302040010	7742	844
1302031009	1302040016	15792	1779
1302031009	1302040015	14268	1922
1302031009	1302040014	9941	1167
1302031009	1302100015	108017	10307
1302031009	1302012010	63504	6495
1302040013	1302040012	5350	739
1302040013	1302040011	6096	685
1302040013	1302040010	2099	325
1302040013	1302040016	7961	973
1302040013	1302040015	6437	1116
1302040013	1302040014	3707	476
1302040013	1302100015	100186	9501
1302040013	1302012010	72583	7425
1302040012	1302040011	8718	1069
1302040012	1302040010	5511	828
1302040012	1302040016	13311	1719

Lokasi A	Lokasi B	Jarak	Waktu Tempuh
1302040012	1302040015	11787	1862
1302040012	1302040014	1643	263
1302040012	1302100015	105536	10246
1302040012	1302012010	75204	7809
1302040011	1302040010	4876	492
1302040011	1302040016	12926	1426
1302040011	1302040015	11402	1570
1302040011	1302040014	7075	814
1302040011	1302100015	105151	9954
1302040011	1302012010	66486	6740
1302040010	1302040016	8394	974
1302040010	1302040015	6870	1118
1302040010	1302040014	3868	558
1302040010	1302100015	100619	9502
1302040010	1302012010	71362	7303
1302040016	1302040015	9444	1284
1302040016	1302040014	11668	1438
1302040016	1302100015	94114	8718
1302040016	1302012010	79412	8228
1302040015	1302040014	10144	1515
1302040015	1302100015	99719	9682
1302040015	1302012010	77889	8305
1302040014	1302100015	103893	9984
1302040014	1302012010	73561	7546
1302100015	1302012010	171636	16801

## LAMPIRAN 4

**Tabel 4:** *Service Time* Masing-masing Lokasi Pencacahan

Lokasi	<i>Service Time</i> (det)
1302011001	23911
1302011002	24105
1302011003	23820
1302011004	24138
1302011005	23894
1302011006	23790
1302011007	23967
1302011008	23892
1302011009	23985
1302011010	23954
1302012001	23612
1302012002	23888
1302012003	23548
1302012004	23838
1302012005	23880
1302012006	23684
1302012007	23970
1302012008	23818
1302012009	23967
1302012010	23969
1302020001	23856
1302020003	23839
1302020005	23815
1302020006	23848
1302020009	24035
1302020010	23762
1302020011	23913
1302020015	23813
1302020016	23870
1302020017	23639

Lokasi	<i>Service Time</i> (det)
1302021001	24019
1302021002	23690
1302021003	23975
1302021004	23688
1302021005	23678
1302021006	23877
1302021007	23931
1302021008	23656
1302021009	23863
1302021010	23732
1302030001	23877
1302030002	23992
1302030003	24137
1302030004	23879
1302030005	23992
1302030006	23812
1302030009	23896
1302030010	23977
1302030012	23762
1302030014	23913
1302031001	23982
1302031002	24035
1302031003	24353
1302031004	23760
1302031005	23947
1302031006	24175
1302031007	23930
1302031008	23953
1302031009	23965
1302031010	24036
1302040001	24017
1302040002	23965
1302040003	23892
1302040004	23946
1302040005	24088
1302040006	23744

Lokasi	<i>Service Time</i> (det)
1302040007	23850
1302040008	23742
1302040009	23878
1302040010	23824
1302040011	23773
1302040012	23879
1302040013	24067
1302040014	23912
1302040015	23747
1302040016	23784
1302050001	23822
1302050002	23726
1302050003	23988
1302050004	23914
1302050005	23532
1302050006	23881
1302050007	23781
1302050008	23986
1302050009	23929
1302050010	23723
1302060001	23818
1302060002	24046
1302060003	23804
1302060004	23963
1302060005	24183
1302060006	23768
1302060007	23785
1302060008	23898
1302060009	23932
1302070001	23841
1302070002	24045
1302070003	23770
1302070004	23885
1302070005	23836
1302070006	23789
1302070007	23837

Lokasi	<i>Service Time</i> (det)
1302070008	23863
1302070009	23806
1302070010	23873
1302070011	23936
1302070012	23963
1302080001	23817
1302080002	24172
1302080003	23551
1302080004	23709
1302080005	23869
1302080006	23879
1302080007	24117
1302080008	23720
1302080009	23623
1302090001	24004
1302090002	23865
1302090003	23965
1302090004	24052
1302090005	23748
1302090006	24047
1302090007	23988
1302090008	23855
1302090009	23847
1302090010	23779
1302090011	23942
1302090012	23797
1302090013	23995
1302090014	23883
1302090015	23668
1302090016	24127
1302090017	24232
1302090018	24214
1302090019	23931
1302090020	23981
1302100001	23951
1302100002	24117

Lokasi	<i>Service Time</i> (det)
1302100003	23866
1302100004	23744
1302100005	23894
1302100006	23705
1302100007	23956
1302100008	23873
1302100009	23935
1302100010	23838
1302100011	23758
1302100012	23772
1302100013	23855
1302100014	23996
1302100015	23930
1302100016	23939
1302100017	23847
1302101001	23765
1302101002	23753
1302101003	23671
1302101004	24012
1302101005	23800
1302101006	23716
1302110001	24141
1302110002	23851
1302110003	23920
1302110004	23828
1302110005	23756
1302110006	23809
1302110007	24183
1302110008	24000
1302110009	23896
1302110010	23732
1302110011	24030
1302110012	23892
1302110013	24132
1302110014	24022
1302110015	23776

Lokasi	<i>Service Time</i> (det)
1302110016	23953
1302110017	23952
1302110018	23936
1302110019	23848
1302110020	23987
1302110021	23965
1302110022	23822
1302110023	23901