Съдържание

[1. Формулиране на функционалните изисквания към проектираната програмна система 2](#_Toc434318353)

[1.1 Анализ и описание на функциите изпълнявани от програмата система 2](#_Toc434318354)

[1.2 Съставяне на диаграми на случаите на употреба чрез използване на UML 2](#_Toc434318355)

[2 Проектиране на базата от данни 3](#_Toc434318356)

[2.1 Съставяне на диаграма „Същност-връзка“ на предметната област 3](#_Toc434318357)

[2.2 Преобразуване на диаграмата „Същност-връзка“ в схема на релационна база от данни 4](#_Toc434318358)

[2.3 Описание структурата на таблиците в базата от данни 5](#_Toc434318359)

[3 Проектиране архитектурата на системата 8](#_Toc434318360)

[4 Проектиране на логическия модел на програмната система: съставяне на диаграма на дейностите посредством UML 9](#_Toc434318361)

[5 Реализиране на базата от данни – създаване структурата на таблиците на БД и на схемата на БД, посредством заявки на SQL 10](#_Toc434318362)

[6 Добавяне на тестови данни в таблиците от БД 15](#_Toc434318363)

[7 Избор на среда и език за програмиране 40](#_Toc434318364)

[8 Реализиране и описание на програмните модули 40](#_Toc434318365)

Списък на фигурите

[Фигура 1 Use case диаграма на приложението 4](#_Toc434318415)

[Фигура 2 Диаграма "Същност-връзка" 5](#_Toc434318416)

[Фигура 3 Схема на релационната база от данни 6](#_Toc434318417)

[Фигура 4 Таблиците, съдържащи се в БД "Energo" 7](#_Toc434318418)

[Фигура 5 Таблица "Addresses" 7](#_Toc434318419)

[Фигура 6 Таблица "Bills" 7](#_Toc434318420)

[Фигура 7 Таблица "Buildings" 8](#_Toc434318421)

[Фигура 8 Таблица "Cities" 8](#_Toc434318422)

[Фигура 9 Таблица "Countries" 8](#_Toc434318423)

[Фигура 10 Таблица "Electrometers" 8](#_Toc434318424)

[Фигура 11 Таблица "Employees" 8](#_Toc434318425)

[Фигура 12 Таблица "Payments" 9](#_Toc434318426)

[Фигура 13 Таблица "Periods" 9](#_Toc434318427)

[Фигура 14 Таблица "Tariffs" 9](#_Toc434318428)

[Фигура 15 Таблица "Users" 10](#_Toc434318429)

[Фигура 16 Таблица "Workplaces" 10](#_Toc434318430)

[Фигура 17 Архитектура на програмната система 10](#_Toc434318431)

[Фигура 18 Диаграма на дейностите за заплащане на сметка за електроенергия 11](#_Toc434318432)

[Фигура 19 Диаграма на дейностите за влизане в системата 12](#_Toc434318433)

# Формулиране на функционалните изисквания към проектираната програмна система

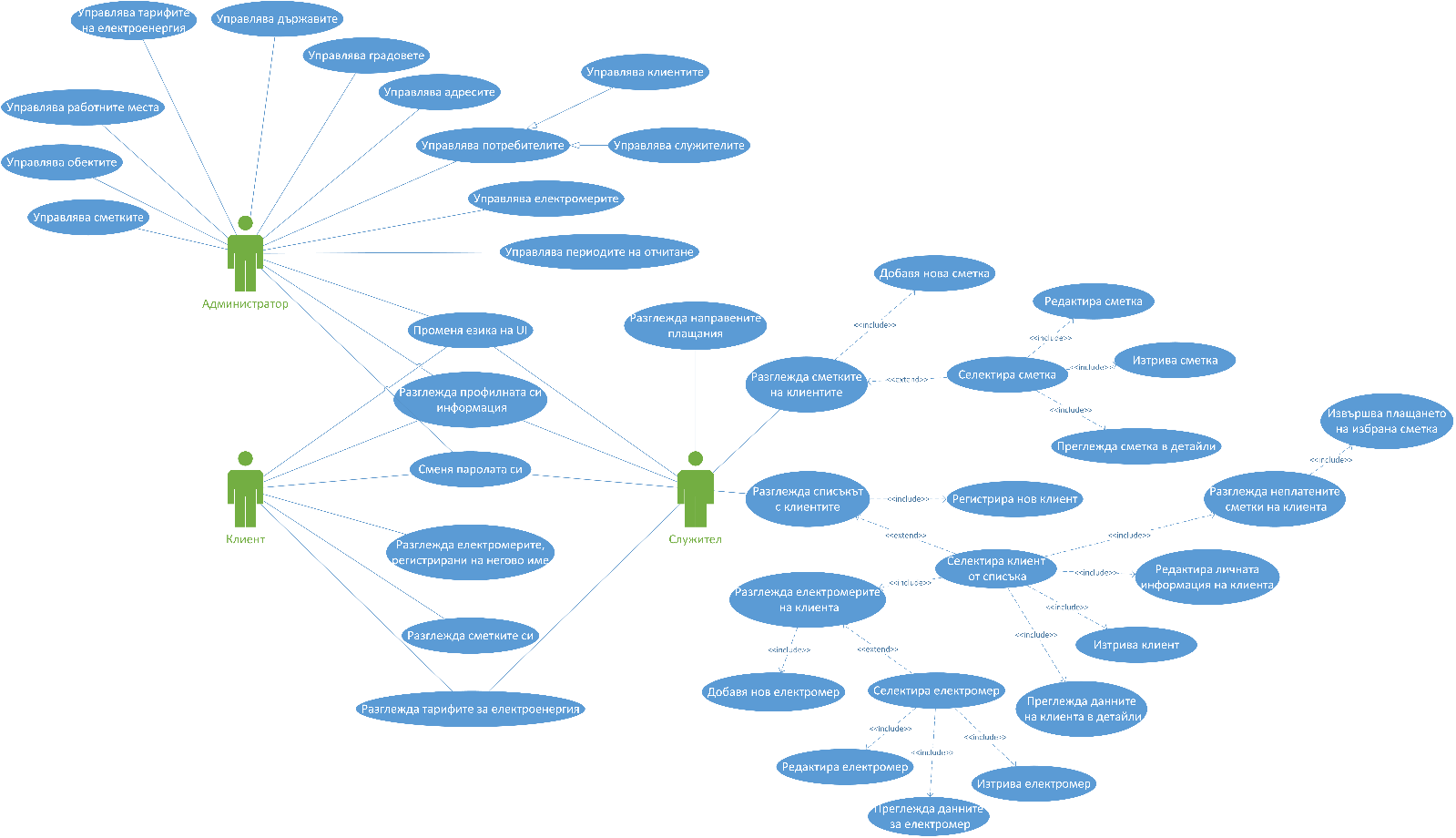
## Анализ и описание на функциите изпълнявани от програмата система

## Съставяне на диаграми на случаите на употреба чрез използване на UML

Тази диаграма позволява да се опишат на най-високо ниво целите на потребителя, които системата трябва да изпълнява. Тези цели не е необходимо да са задачи или действия, а може да са по общи изисквания към функционалността на системата. С други думи това е техника за определяне на функционалните изисквания на една система. Те описват типичните взаимодействия между потребителите и системата, предоставят описание на начина, по който тя се използва. В програмната система за обслужване заплащането на електроенергия логически се обособяват три типа потребители:

* Администратор – лицето, което притежава неограничени права за създаване, редактиране, управление и изтриване на данни;
* Служител – има ограничени права;
* Клиент – има ограничени права.

На фигура 1 е представена диаграма на случаите на използване на уеб базираното приложение.



Фигура 1 Use case диаграма на приложението

Администраторът има права за достъп до създаване, редактиране и изтриване на клиенти, служители, обекти, техните адреси и т.н. Единствено той може да регистрира нов служител, променя тарифите за електроенергия, да анулира направени плащания (с цел сигурност) и т.н.

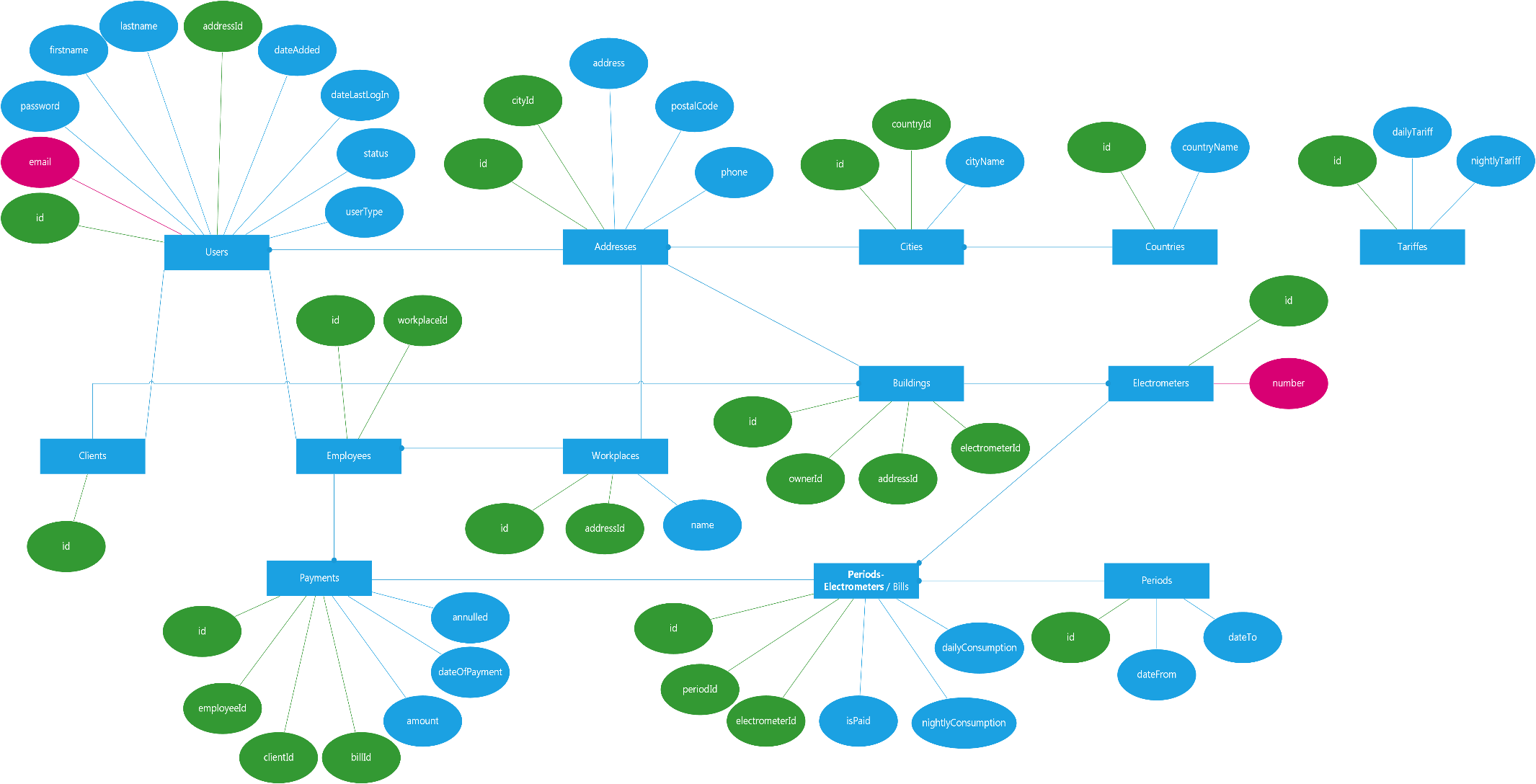
Служителят може да извършва заплащането на сметка, да разглежда направените плащания, тарифите за електроенергия, да регистрира нови клиенти, да съставя нова сметка на даден клиент (след отчитане показанията на електромера му – *всъщност тази функция е по-добре да се възложи на друг тип служител*).

Клиентът може да разглежда електромерите, които са регистрирани на негово име, да следи сметките си и да вижда тарифите за електроенергия.

Трите типа потребителя могат да променят езика на приложението, да разглеждата профилната си информация и да сменят паролите на акаунтите си.

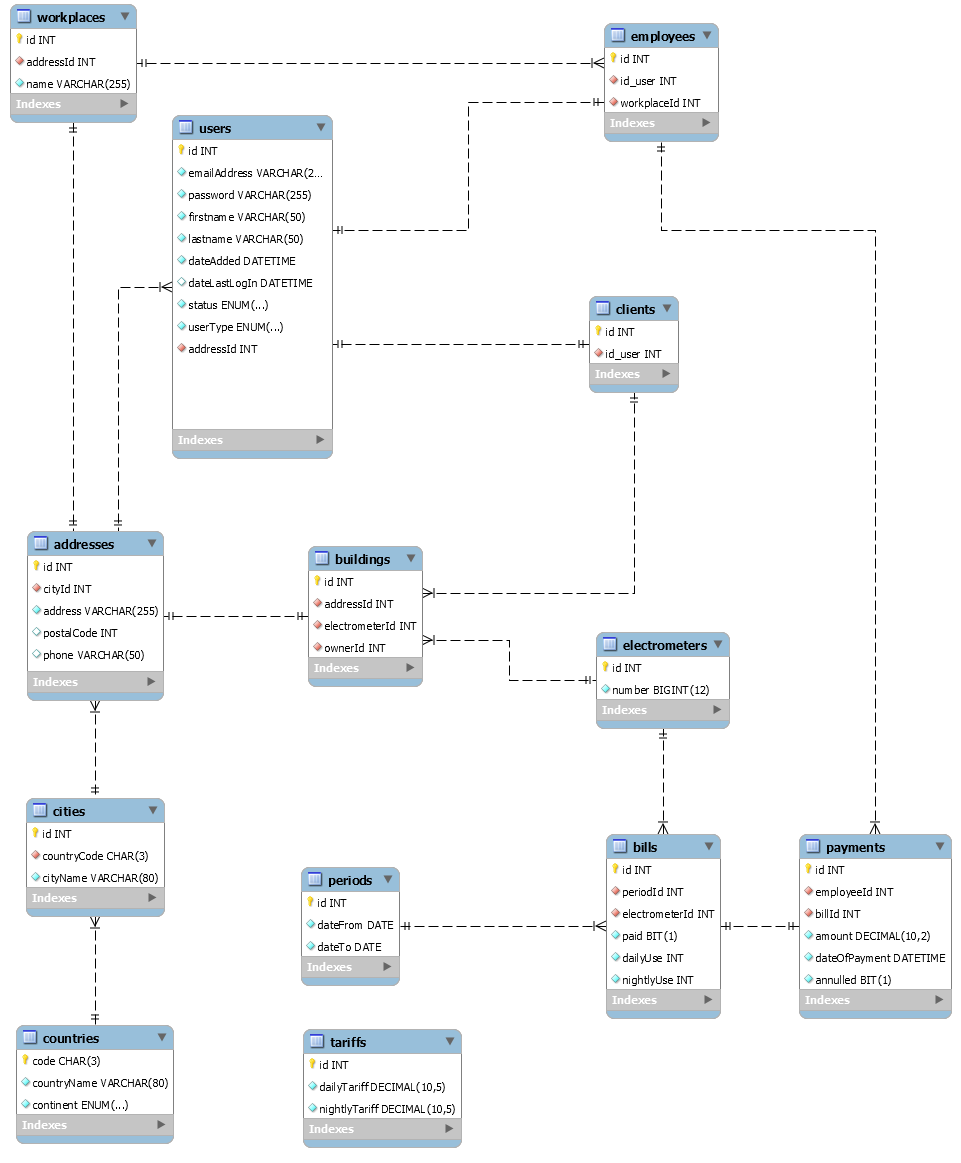
# Проектиране на базата от данни

## Съставяне на диаграма „Същност-връзка“ на предметната област



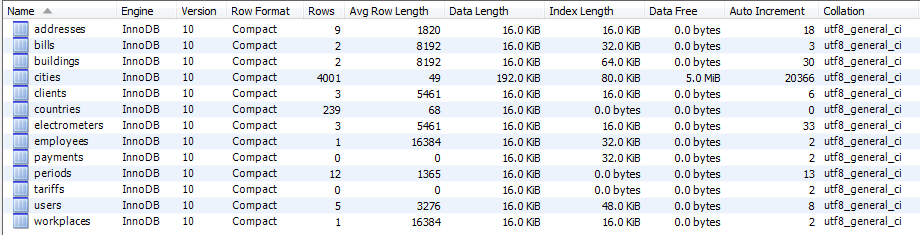
Фигура 2 Диаграма "Същност-връзка"

## Преобразуване на диаграмата „Същност-връзка“ в схема на релационна база от данни



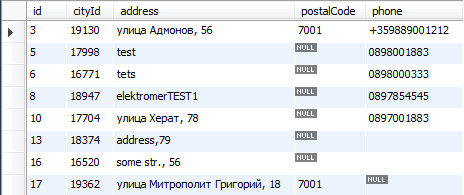
Фигура 3 Схема на релационната база от данни

## Описание структурата на таблиците в базата от данни



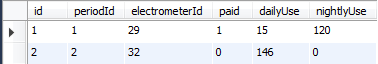
Фигура 4 Таблиците, съдържащи се в БД "Energo"

* Таблица „Адреси“
  + Id – id на адреса
  + cityId – id на града
  + address – улица, номер, ж.к и т.н
  + postalCode – пощенски код
  + phone – телефонен номер



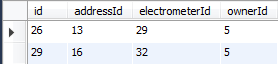
Фигура 5 Таблица "Addresses"

* Таблица „Сметки“
  + Id – id на сметка
  + periodId – id на периода на отчитаната електроенергия
  + electrometerId – id на електромера
  + paid – дали сметката е платена или не е
  + dailyUse – дневна консумирана електроенергия
  + nightlyUse – нощна консумирана електроенергия



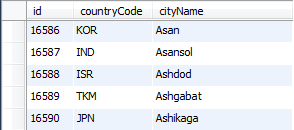
Фигура 6 Таблица "Bills"

* Таблица „Обекти“
  + Id – id на обекта
  + addressId – id на адреса
  + electrometerId – id на електромера
  + ownerId – id на собственика (клиента)



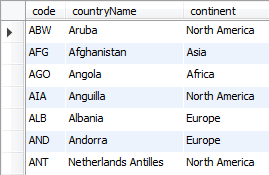
Фигура 7 Таблица "Buildings"

* Таблица „Градове“
  + Id – id на града
  + countryCode – id на държавата
  + cityName – име на града



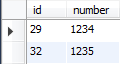
Фигура 8 Таблица "Cities"

* Таблица „Държави“
  + Code – id на държава
  + countryName – име на държава
  + continent – континентът, в която се намира държавата



Фигура 9 Таблица "Countries"

* Таблица „Елктромери“
  + Id – id на електромера
  + Number – номер на електромера



Фигура 10 Таблица "Electrometers"

* Таблица „Служители“
  + Id – id на служителя
  + Id\_user – id на потребителя
  + workplaceId – id на работното място



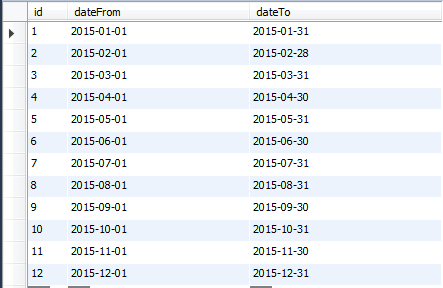
Фигура 11 Таблица "Employees"

* Таблица „Плащания“
  + Id – id (номер) на „фактура“
  + employeeId – id на служителя, направил плащането
  + billId – id на сметката на клиента
  + amount – стойността на сметката
  + dateOfPayment – датата, на която е направено заплащането
  + annulled – дали е анилирано или не е



Фигура 12 Таблица "Payments"

* Таблица „Периоди“
  + Id – id на периода
  + dateFrom – датата, от която започва засичането на използваната електроенергия
  + dateTo – датата, на която завършва засичането на използваната електроенергия



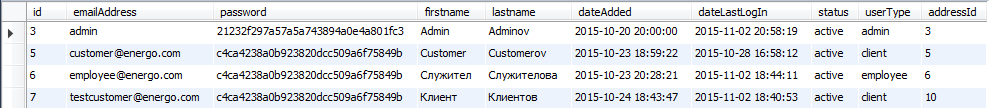
Фигура 13 Таблица "Periods"

* Таблица „Тарифи“
  + Id – id на тарифа
  + dailyTariff – дневна тарифа
  + nightlyTariff – нощна тарифа



Фигура 14 Таблица "Tariffs"

* Таблица „Потребители“
  + Id – id на потребителя
  + emailAddress – адреса на ел. поща на потребителя
  + password – паролата на потребителя
  + firstname – собственото име на потребителя
  + lastname – фамилното име на потребителя
  + dateAdded – датата, на която е регистриран потребителят
  + dateLastLogIn – датата, на коята потребителят за последно е влязъл в профила си
  + status – статус на потребителя
  + userType – тип на потребителя
  + addressId – id на адреса му



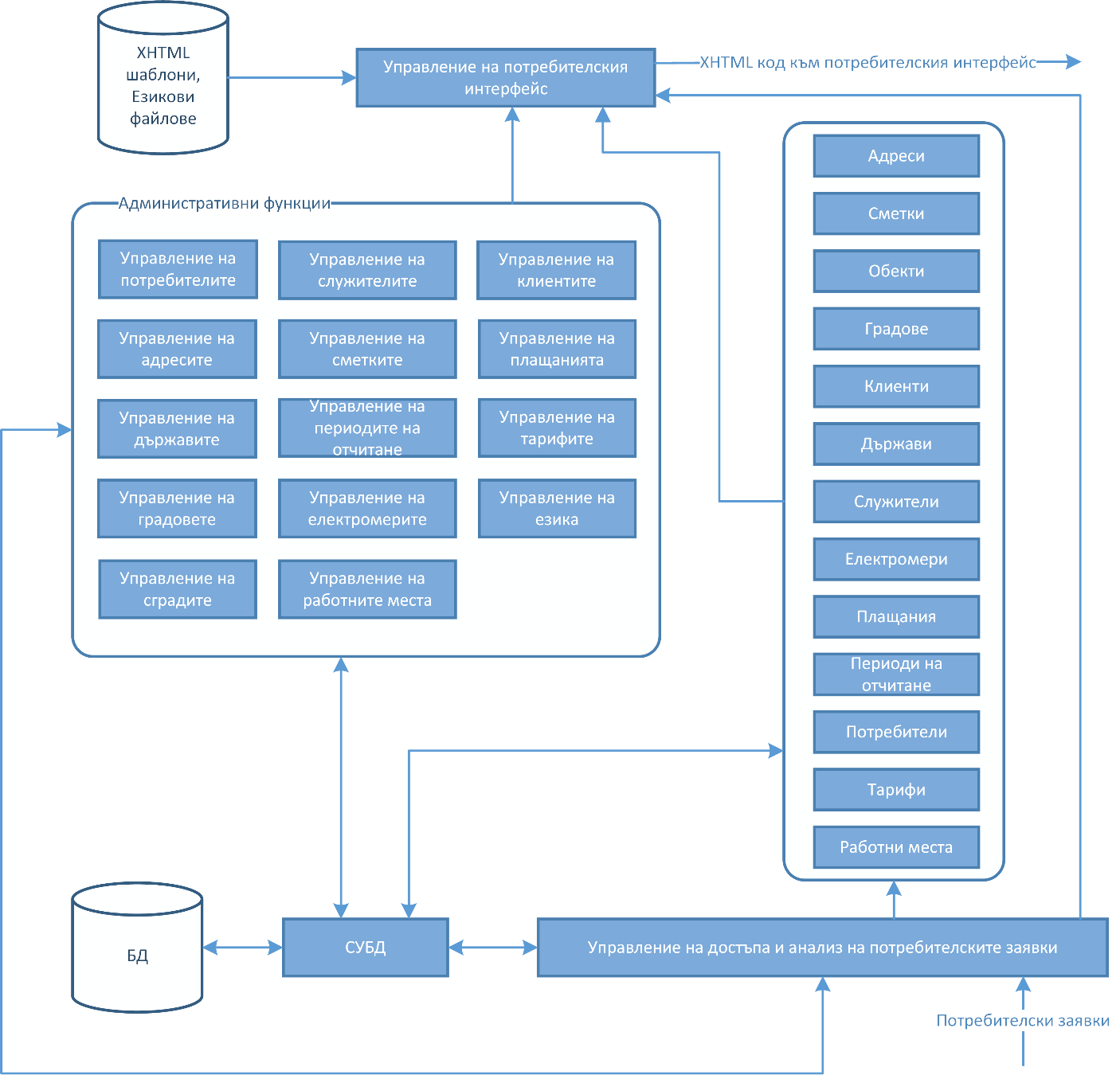
Фигура 15 Таблица "Users"

* Таблица „Работни места“
  + Id – id на работно място
  + addressId – id на адреса
  + name – име на работното място



Фигура 16 Таблица "Workplaces"

# Проектиране архитектурата на системата

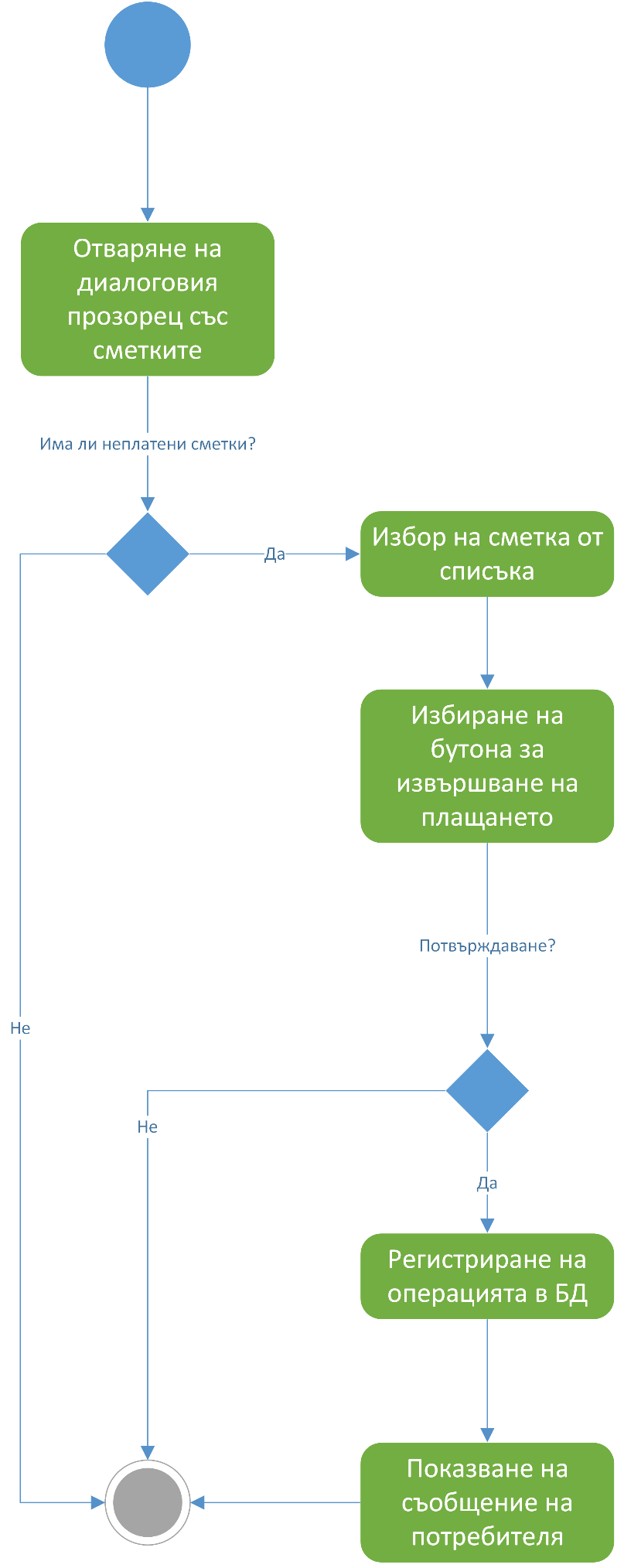


Фигура 17 Архитектура на програмната система

# Проектиране на логическия модел на програмната система: съставяне на диаграма на дейностите посредством UML

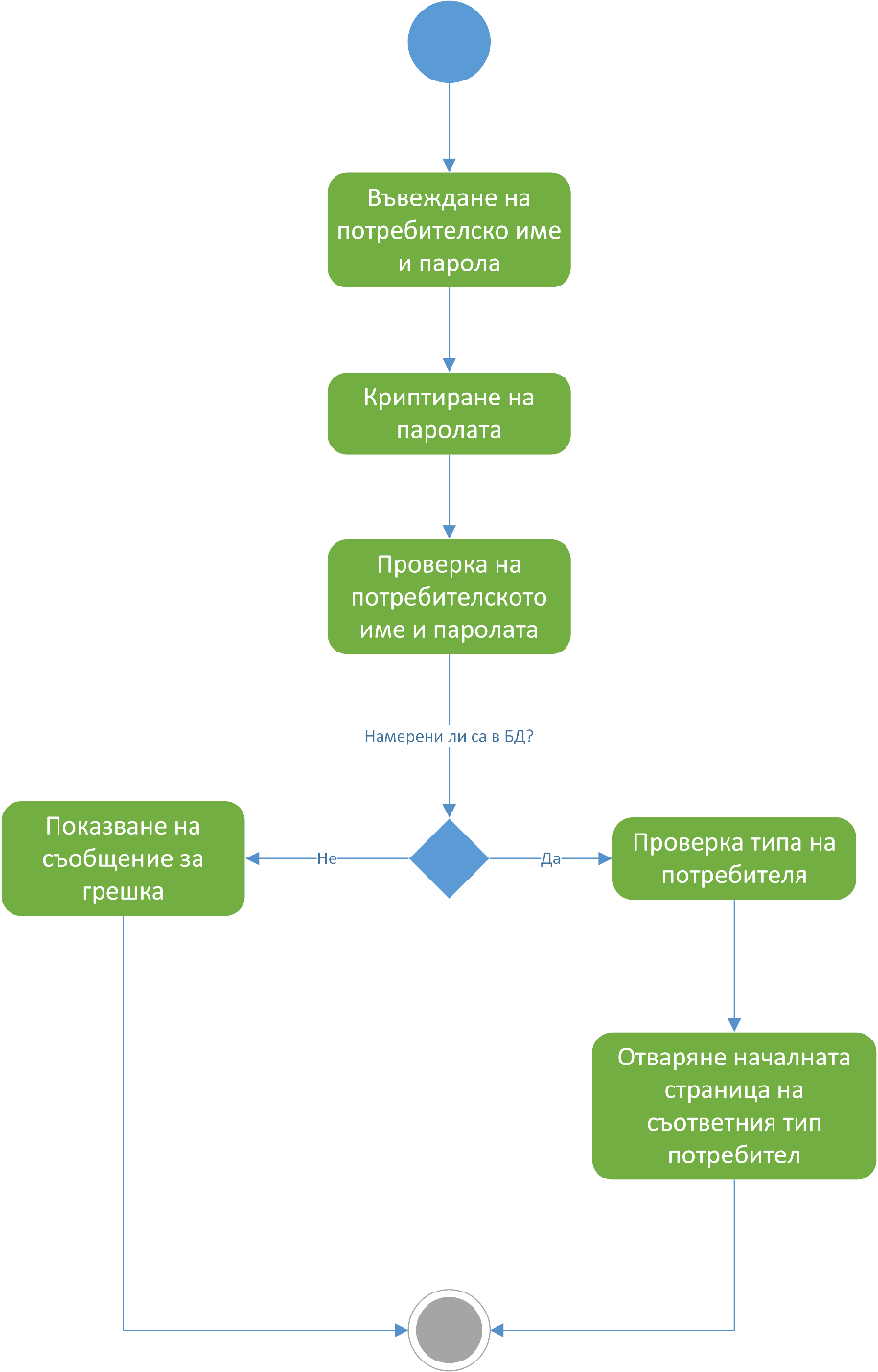
**Заплащане**

**Служителят избира клиента от списъка и отваря диалоговят прозорец, който показва дали клиентът има неплатени сметки. Ако има – избира се една и се избира бутонът за извършване на операцията, като операцията ще бъде изпълнена само след потвърждение.**



Фигура 18 Диаграма на дейностите за заплащане на сметка за електроенергия

**Влизане в системата**



Фигура 19 Диаграма на дейностите за влизане в системата

Потребителят въвежда потребителското си име и паролата, след което паролата се криптира и се проверява дали в базата от данни има такъв потребител. При съвпадение се проверява типа на клиента и в зависимост от него се зарежда началната страница на съответния тип потребител. В противен случай се извежда съобщение за грешка.

# Реализиране на базата от данни – създаване структурата на таблиците на БД и на схемата на БД, посредством заявки на SQL

-- MySQL dump 10.13 Distrib 5.6.24, for Win64 (x86\_64)

--

-- Host: localhost Database: energo

-- ------------------------------------------------------

-- Server version 5.6.26-log

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8 \*/;

/\*!40103 SET @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!40103 SET TIME\_ZONE='+00:00' \*/;

/\*!40014 SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0 \*/;

/\*!40014 SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0 \*/;

/\*!40101 SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='NO\_AUTO\_VALUE\_ON\_ZERO' \*/;

/\*!40111 SET @OLD\_SQL\_NOTES=@@SQL\_NOTES, SQL\_NOTES=0 \*/;

--

-- Table structure for table `addresses`

--

DROP TABLE IF EXISTS `addresses`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `addresses` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`cityId` int(11) NOT NULL,

`address` varchar(255) NOT NULL,

`postalCode` int(11) DEFAULT NULL,

`phone` varchar(50) DEFAULT NULL,

PRIMARY KEY (`id`),

KEY `cityId\_idx` (`cityId`),

CONSTRAINT `fk\_cities\_addresses` FOREIGN KEY (`cityId`) REFERENCES `cities` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=18 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `bills`

--

DROP TABLE IF EXISTS `bills`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `bills` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`periodId` int(11) NOT NULL,

`electrometerId` int(11) NOT NULL,

`paid` bit(1) NOT NULL DEFAULT b'0',

`dailyUse` int(11) NOT NULL,

`nightlyUse` int(11) NOT NULL,

PRIMARY KEY (`id`),

KEY `fk\_electrometers\_bills\_idx` (`electrometerId`),

KEY `fk\_periods\_bills\_idx` (`periodId`),

CONSTRAINT `fk\_electrometers\_bills` FOREIGN KEY (`electrometerId`) REFERENCES `electrometers` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `fk\_periods\_bills` FOREIGN KEY (`periodId`) REFERENCES `periods` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `buildings`

--

DROP TABLE IF EXISTS `buildings`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `buildings` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`addressId` int(11) NOT NULL,

`electrometerId` int(11) NOT NULL,

`ownerId` int(11) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `electrometerId\_UNIQUE` (`electrometerId`),

KEY `fk\_addresses\_objects\_idx` (`addressId`),

KEY `fk\_electrometers\_objects\_idx` (`electrometerId`),

KEY `fk\_clients\_objects\_idx` (`ownerId`),

CONSTRAINT `fk\_addresses\_objects` FOREIGN KEY (`addressId`) REFERENCES `addresses` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `fk\_clients\_objects` FOREIGN KEY (`ownerId`) REFERENCES `clients` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `fk\_electrometers\_objects` FOREIGN KEY (`electrometerId`) REFERENCES `electrometers` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=30 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `cities`

--

DROP TABLE IF EXISTS `cities`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `cities` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`countryCode` char(3) NOT NULL,

`cityName` varchar(80) NOT NULL,

PRIMARY KEY (`id`),

KEY `fk\_countries\_cities\_idx` (`countryCode`),

CONSTRAINT `fk\_countries\_cities` FOREIGN KEY (`countryCode`) REFERENCES `countries` (`code`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=20366 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `clients`

--

DROP TABLE IF EXISTS `clients`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `clients` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`id\_user` int(11) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `id\_user\_UNIQUE` (`id\_user`),

CONSTRAINT `fk\_users\_clients` FOREIGN KEY (`id\_user`) REFERENCES `users` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=6 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `countries`

--

DROP TABLE IF EXISTS `countries`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `countries` (

`code` char(3) NOT NULL,

`countryName` varchar(80) NOT NULL,

`continent` enum('Asia','Europe','North America','Africa','Oceania','Antarctica','South America') NOT NULL,

PRIMARY KEY (`code`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `electrometers`

--

DROP TABLE IF EXISTS `electrometers`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `electrometers` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`number` bigint(12) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `number\_UNIQUE` (`number`)

) ENGINE=InnoDB AUTO\_INCREMENT=33 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `employees`

--

DROP TABLE IF EXISTS `employees`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `employees` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`id\_user` int(11) NOT NULL,

`workplaceId` int(11) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `id\_user\_UNIQUE` (`id\_user`),

KEY `fk\_workplaces\_employees\_idx` (`workplaceId`),

CONSTRAINT `fk\_users\_employees` FOREIGN KEY (`id\_user`) REFERENCES `users` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `fk\_workplaces\_employees` FOREIGN KEY (`workplaceId`) REFERENCES `workplaces` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `payments`

--

DROP TABLE IF EXISTS `payments`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `payments` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`employeeId` int(11) NOT NULL,

`billId` int(11) NOT NULL,

`amount` decimal(10,2) NOT NULL,

`dateOfPayment` datetime NOT NULL,

`annulled` bit(1) NOT NULL DEFAULT b'0',

PRIMARY KEY (`id`),

KEY `fk\_employees\_idx` (`employeeId`),

KEY `fk\_bills\_payments\_idx` (`billId`),

CONSTRAINT `fk\_bills\_payments` FOREIGN KEY (`billId`) REFERENCES `bills` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `fk\_employees\_payments` FOREIGN KEY (`employeeId`) REFERENCES `employees` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `periods`

--

DROP TABLE IF EXISTS `periods`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `periods` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`dateFrom` date NOT NULL,

`dateTo` date NOT NULL,

PRIMARY KEY (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=13 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `tariffs`

--

DROP TABLE IF EXISTS `tariffs`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `tariffs` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`dailyTariff` decimal(10,5) NOT NULL,

`nightlyTariff` decimal(10,5) NOT NULL,

PRIMARY KEY (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `users`

--

DROP TABLE IF EXISTS `users`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `users` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`emailAddress` varchar(255) NOT NULL,

`password` varchar(255) NOT NULL,

`firstname` varchar(50) NOT NULL,

`lastname` varchar(50) NOT NULL,

`dateAdded` datetime NOT NULL,

`dateLastLogIn` datetime DEFAULT NULL,

`status` enum('active','inactive') NOT NULL,

`userType` enum('admin','employee','client') NOT NULL,

`addressId` int(11) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `email\_UNIQUE` (`emailAddress`),

UNIQUE KEY `addressId\_UNIQUE` (`addressId`),

KEY `password\_idx` (`password`),

CONSTRAINT `fk\_addresses\_users` FOREIGN KEY (`addressId`) REFERENCES `addresses` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=8 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Table structure for table `workplaces`

--

DROP TABLE IF EXISTS `workplaces`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `workplaces` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`addressId` int(11) NOT NULL,

`name` varchar(255) NOT NULL,

PRIMARY KEY (`id`),

KEY `fk\_addresses\_workplaces\_idx` (`addressId`),

CONSTRAINT `fk\_addresses\_workplaces` FOREIGN KEY (`addressId`) REFERENCES `addresses` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

/\*!40103 SET TIME\_ZONE=@OLD\_TIME\_ZONE \*/;

/\*!40101 SET SQL\_MODE=@OLD\_SQL\_MODE \*/;

/\*!40014 SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS \*/;

/\*!40014 SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS \*/;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

/\*!40111 SET SQL\_NOTES=@OLD\_SQL\_NOTES \*/;

-- Dump completed on 2015-11-02 22:03:45

# Добавяне на тестови данни в таблиците от БД

-- MySQL dump 10.13 Distrib 5.6.24, for Win64 (x86\_64)

--

-- Host: localhost Database: energo

-- ------------------------------------------------------

-- Server version 5.6.26-log

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8 \*/;

/\*!40103 SET @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!40103 SET TIME\_ZONE='+00:00' \*/;

/\*!40014 SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0 \*/;

/\*!40014 SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0 \*/;

/\*!40101 SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='NO\_AUTO\_VALUE\_ON\_ZERO' \*/;

/\*!40111 SET @OLD\_SQL\_NOTES=@@SQL\_NOTES, SQL\_NOTES=0 \*/;

--

-- Dumping data for table `addresses`

--

LOCK TABLES `addresses` WRITE;

/\*!40000 ALTER TABLE `addresses` DISABLE KEYS \*/;

INSERT INTO `addresses` VALUES (3,19130,'улица Адмонов, 56',7001,'+359889001212'),(5,17998,'test',NULL,'0898001883'),(6,16771,'tets',NULL,'0898000333'),(8,18947,'elektromerTEST1',NULL,'0897854545'),(10,17704,'улица Херат, 78',NULL,'0897001883'),(13,18374,'address,79',NULL,''),(16,16520,'some str., 56',NULL,''),(17,19362,'улица Митрополит Григорий, 18',7001,NULL);

/\*!40000 ALTER TABLE `addresses` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `bills`

--

LOCK TABLES `bills` WRITE;

/\*!40000 ALTER TABLE `bills` DISABLE KEYS \*/;

INSERT INTO `bills` VALUES (1,1,29,'',15,120),(2,2,32,'\0',146,0);

/\*!40000 ALTER TABLE `bills` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `buildings`

--

LOCK TABLES `buildings` WRITE;

/\*!40000 ALTER TABLE `buildings` DISABLE KEYS \*/;

INSERT INTO `buildings` VALUES (26,13,29,5),(29,16,32,5);

/\*!40000 ALTER TABLE `buildings` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `cities`

--

LOCK TABLES `cities` WRITE;

/\*!40000 ALTER TABLE `cities` DISABLE KEYS \*/;

INSERT INTO `cities` VALUES (16365,'ESP','A CoruÃ±a (La CoruÃ±a)'),(16366,'DEU','Aachen'),(16367,'DNK','Aalborg'),(16368,'NGA','Aba'),(16369,'IRN','Abadan'),(16370,'BRA','Abaetetuba'),(16371,'RUS','Abakan'),(16372,'CAN','Abbotsford'),(16373,'NGA','Abeokuta'),(16374,'GBR','Aberdeen'),(16375,'SAU','Abha'),(16376,'CIV','Abidjan'),(16377,'JPN','Abiko'),(16378,'USA','Abilene'),(16379,'IND','Abohar'),(16380,'PAK','Abottabad'),(16381,'ARE','Abu Dhabi'),(16382,'NGA','Abuja'),(16383,'MEX','Acapulco de JuÃ¡rez'),(16384,'VEN','Acarigua'),(16385,'MEX','AcÃ¡mbaro'),(16386,'GHA','Accra'),(16387,'IND','Achalpur'),(16388,'CHN','Acheng'),(16389,'MEX','AcuÃ±a'),(16390,'PCN','Adamstown'),(16391,'TUR','Adana'),(16392,'ETH','Addis Abeba'),(16393,'AUS','Adelaide'),(16394,'YEM','Aden'),(16395,'TUR','Adiyaman'),(16396,'NGA','Ado-Ekiti'),(16397,'IND','Adoni'),(16398,'TUR','Afyon'),(16399,'GUM','AgaÃ±a'),(16400,'MAR','Agadir'),(16401,'IND','Agartala'),(16402,'NGA','Agege'),(16403,'JPN','Ageo'),(16404,'IND','Agra'),(16405,'MEX','Aguascalientes'),(16406,'IND','Ahmadnagar'),(16407,'PAK','Ahmadpur East'),(16408,'IND','Ahmedabad'),(16409,'MEX','Ahome'),(16410,'IRN','Ahvaz'),(16411,'FRA','Aix-en-Provence'),(16412,'IND','Aizawl'),(16413,'JPN','Aizuwakamatsu'),(16414,'ARE','Ajman'),(16415,'IND','Ajmer'),(16416,'JPN','Akashi'),(16417,'JPN','Akishima'),(16418,'JPN','Akita'),(16419,'IND','Akola'),(16420,'USA','Akron'),(16421,'TUR','Aksaray'),(16422,'NGA','Akure'),(16423,'IRQ','al-Amara'),(16424,'EGY','al-Arish'),(16425,'ARE','al-Ayn'),(16426,'SAU','al-Dammam'),(16427,'IRQ','al-Diwaniya'),(16428,'EGY','al-Faiyum'),(16429,'SDN','al-Fashir'),(16430,'EGY','al-Hawamidiya'),(16431,'SAU','al-Hawiya'),(16432,'IRQ','al-Hilla'),(16433,'SAU','al-Hufuf'),(16434,'SAU','al-Kharj'),(16435,'SAU','al-Khubar'),(16436,'IRQ','al-Kut'),(16437,'EGY','al-Mahallat al-Kubra'),(16438,'BHR','al-Manama'),(16439,'EGY','al-Mansura'),(16440,'EGY','al-Minya'),(16441,'SAU','al-Mubarraz'),(16442,'YEM','al-Mukalla'),(16443,'IRQ','al-Najaf'),(16444,'IRQ','al-Nasiriya'),(16445,'SDN','al-Qadarif'),(16446,'SYR','al-Qamishliya'),(16447,'SAU','al-Qatif'),(16448,'IRQ','al-Ramadi'),(16449,'SYR','al-Raqqa'),(16450,'JOR','al-Rusayfa'),(16451,'KWT','al-Salimiya'),(16452,'OMN','al-Sib'),(16453,'IRQ','al-Sulaymaniya'),(16454,'SAU','al-Taif'),(16455,'SAU','al-Tuqba'),(16456,'JOR','al-Zarqa'),(16457,'LBY','al-Zawiya'),(16458,'BRA','Alagoinhas'),(16459,'IND','Alandur'),(16460,'TUR','Alanya'),(16461,'ESP','Albacete'),(16462,'USA','Albany'),(16463,'ZAF','Alberton'),(16464,'USA','Albuquerque'),(16465,'ESP','AlcalÃ¡ de Henares'),(16466,'ESP','AlcorcÃ³n'),(16467,'SYR','Aleppo'),(16468,'ITA','Alessandria'),(16469,'EGY','Alexandria'),(16470,'ESP','Algeciras'),(16471,'DZA','Alger'),(16472,'ESP','Alicante [Alacant]'),(16473,'IND','Aligarh'),(16474,'NLD','Alkmaar'),(16475,'IND','Allahabad'),(16476,'IND','Allappuzha (Alleppey)'),(16477,'MEX','Allende'),(16478,'USA','Allentown'),(16479,'KAZ','Almaty'),(16480,'ESP','AlmerÃ­a'),(16481,'NLD','Almere'),(16482,'RUS','Almetjevsk'),(16483,'ARG','Almirante Brown'),(16484,'MEX','Almoloya de JuÃ¡rez'),(16485,'NIU','Alofi'),(16486,'MYS','Alor Setar'),(16487,'MEX','Altamira'),(16488,'UKR','AltÂševsk'),(16489,'BRA','Alvorada'),(16490,'IND','Alwar'),(16491,'PRT','Amadora'),(16492,'JPN','Amagasaki'),(16493,'USA','Amarillo'),(16494,'IND','Ambala'),(16495,'IND','Ambala Sadar'),(16496,'ECU','Ambato'),(16497,'IND','Ambattur'),(16498,'IDN','Ambon'),(16499,'BRA','Americana'),(16500,'NLD','Amersfoort'),(16501,'FRA','Amiens'),(16502,'JOR','Amman'),(16503,'IRN','Amol'),(16504,'CHN','Amoy [Xiamen]'),(16505,'IND','Amravati'),(16506,'IND','Amritsar'),(16507,'IND','Amroha'),(16508,'NLD','Amsterdam'),(16509,'USA','Anaheim'),(16510,'IND','Anand'),(16511,'BRA','Ananindeua'),(16512,'IND','Anantapur'),(16513,'BRA','AnÃ¡polis'),(16514,'USA','Anchorage'),(16515,'ITA','Ancona'),(16516,'CHN','Anda'),(16517,'UZB','Andijon'),(16518,'IRN','Andimeshk'),(16519,'KOR','Andong'),(16520,'AND','Andorra la Vella'),(16521,'ITA','Andria'),(16522,'RUS','Angarsk'),(16523,'PHL','Angeles'),(16524,'FRA','Angers'),(16525,'BRA','Angra dos Reis'),(16526,'UZB','Angren'),(16527,'JPN','Anjo'),(16528,'CHN','Ankang'),(16529,'TUR','Ankara'),(16530,'USA','Ann Arbor'),(16531,'DZA','Annaba'),(16532,'CHN','Anqing'),(16533,'KOR','Ansan'),(16534,'CHN','Anshan'),(16535,'CHN','Anshun'),(16536,'TUR','Antalya'),(16537,'MDG','Antananarivo'),(16538,'PHL','Antipolo'),(16539,'CHL','Antofagasta'),(16540,'MDG','AntsirabÃ©'),(16541,'BEL','Antwerpen'),(16542,'CHN','Anyang'),(16543,'RUS','Anzero-Sudzensk'),(16544,'JPN','Aomori'),(16545,'BRA','Aparecida de GoiÃ¢nia'),(16546,'MEX','ApatzingÃ¡n'),(16547,'NLD','Apeldoorn'),(16548,'WSM','Apia'),(16549,'MEX','Apodaca'),(16550,'SLV','Apopa'),(16551,'BRA','Apucarana'),(16552,'CHN','Aqsu'),(16553,'KAZ','Aqtau'),(16554,'KAZ','AqtÃ¶be'),(16555,'BRA','AraÃ§atuba'),(16556,'SAU','AraÂ´ar'),(16557,'BRA','Aracaju'),(16558,'ROM','Arad'),(16559,'BRA','AraguaÃ­na'),(16560,'BRA','Araguari'),(16561,'IRN','Arak'),(16562,'BRA','Arapiraca'),(16563,'BRA','Araraquara'),(16564,'BRA','Araras'),(16565,'VEN','Araure'),(16566,'PHL','Arayat'),(16567,'IRN','Ardebil'),(16568,'USA','Arden-Arcade'),(16569,'PRI','Arecibo'),(16570,'PER','Arequipa'),(16571,'ITA','Arezzo'),(16572,'FRA','Argenteuil'),(16573,'TUN','Ariana'),(16574,'CHL','Arica'),(16575,'RUS','Arkangeli'),(16576,'USA','Arlington'),(16577,'RUS','Armavir'),(16578,'COL','Armenia'),(16579,'NLD','Arnhem'),(16580,'IND','Arrah (Ara)'),(16581,'TZA','Arusha'),(16582,'USA','Arvada'),(16583,'RUS','Arzamas'),(16584,'JPN','Asahikawa'),(16585,'JPN','Asaka'),(16586,'KOR','Asan'),(16587,'IND','Asansol'),(16588,'ISR','Ashdod'),(16589,'TKM','Ashgabat'),(16590,'JPN','Ashikaga'),(16591,'IND','Ashoknagar-Kalyangarh'),(16592,'ISR','Ashqelon'),(16593,'ERI','Asmara'),(16594,'EGY','Assuan'),(16595,'KAZ','Astana'),(16596,'RUS','Astrahan'),(16597,'PRY','AsunciÃ³n'),(16598,'EGY','Asyut'),(16599,'RUS','AtÂšinsk'),(16600,'GRC','Athenai'),(16601,'USA','Athens-Clarke County'),(16602,'BRA','Atibaia'),(16603,'MEX','AtizapÃ¡n de Zaragoza'),(16604,'USA','Atlanta'),(16605,'MEX','Atlixco'),(16606,'JPN','Atsugi'),(16607,'KAZ','Atyrau'),(16608,'NZL','Auckland'),(16609,'DEU','Augsburg'),(16610,'USA','Augusta-Richmond County'),(16611,'USA','Aurora'),(16612,'USA','Austin'),(16613,'IND','Avadi'),(16614,'COK','Avarua'),(16615,'ARG','Avellaneda'),(16616,'NGA','Awka'),(16617,'PER','Ayacucho'),(16618,'TUR','Aydin'),(16619,'BRA','Ãguas Lindas de GoiÃ¡s'),(16620,'DNK','Ã…rhus'),(16621,'TUR','Ã‡orlu'),(16622,'TUR','Ã‡orum'),(16623,'RUS','ÂŠahty'),(16624,'LTU','ÂŠiauliai'),(16625,'UKR','ÂŠostka'),(16626,'RUS','ÂŠtÂšolkovo'),(16627,'BGR','ÂŠumen'),(16628,'SWE','Ã–rebro'),(16629,'KAZ','Ã–skemen'),(16630,'CZE','ÃšstÃ­ nad Labem'),(16631,'UZB','Ãœrgenc'),(16632,'NLD','Â´s-Hertogenbosch'),(16633,'IRN','Babol'),(16634,'BRA','Bacabal'),(16635,'ROM','Bacau'),(16636,'PHL','Bacolod'),(16637,'PHL','Bacoor'),(16638,'ESP','Badajoz'),(16639,'ESP','Badalona'),(16640,'CMR','Bafoussam'),(16641,'BRA','BagÃ©'),(16642,'IRQ','Baghdad'),(16643,'PHL','Bago'),(16644,'PHL','Baguio'),(16645,'PAK','Bahawalnagar'),(16646,'PAK','Bahawalpur'),(16647,'ARG','BahÃ­a Blanca'),(16648,'ETH','Bahir Dar'),(16649,'IND','Bahraich'),(16650,'EGY','Bahtim'),(16651,'ROM','Baia Mare'),(16652,'CHN','Baicheng'),(16653,'IND','Baidyabati'),(16654,'KIR','Bairiki'),(16655,'CHN','Baiyin'),(16656,'USA','Bakersfield'),(16657,'AZE','Baku'),(16658,'RUS','BalaÂšiha'),(16659,'RUS','BalaÂšov'),(16660,'RUS','Balakovo'),(16661,'TUR','Balikesir'),(16662,'IDN','Balikpapan'),(16663,'PHL','Baliuag'),(16664,'IND','Bally'),(16665,'MDA','Balti'),(16666,'USA','Baltimore'),(16667,'IND','Balurghat'),(16668,'MLI','Bamako'),(16669,'CMR','Bamenda'),(16670,'IND','Banda'),(16671,'IDN','Banda Aceh'),(16672,'IDN','Bandar Lampung'),(16673,'BRN','Bandar Seri Begawan'),(16674,'IRN','Bandar-e Anzali'),(16675,'IRN','Bandar-e-Abbas'),(16676,'TUR','Bandirma'),(16677,'IDN','Bandung'),(16678,'IND','Bangalore'),(16679,'THA','Bangkok'),(16680,'CAF','Bangui'),(16681,'EGY','Banha'),(16682,'EGY','Bani Suwayf'),(16683,'BIH','Banja Luka'),(16684,'IDN','Banjarmasin'),(16685,'GMB','Banjul'),(16686,'IND','Bankura'),(16687,'IND','Bansberia'),(16688,'CCK','Bantam'),(16689,'IDN','Banyuwangi'),(16690,'CHN','Baoding'),(16691,'CHN','Baoji'),(16692,'CHN','Baotou'),(16693,'IRQ','Baquba'),(16694,'IND','Barahanagar (Baranagar)'),(16695,'ESP','Barakaldo'),(16696,'BLR','BaranovitÂši'),(16697,'IND','Barasat'),(16698,'BRA','Barbacena'),(16699,'ESP','Barcelona'),(16700,'IND','Barddhaman (Burdwan)'),(16701,'IND','Bareilly'),(16702,'ITA','Bari'),(16703,'VEN','Barinas'),(16704,'BGD','Barisal'),(16705,'ITA','Barletta'),(16706,'RUS','Barnaul'),(16707,'VEN','Barquisimeto'),(16708,'BRA','Barra do PiraÃ­'),(16709,'BRA','Barra Mansa'),(16710,'IND','Barrackpur'),(16711,'COL','Barrancabermeja'),(16712,'COL','Barranquilla'),(16713,'BRA','Barreiras'),(16714,'BRA','Barretos'),(16715,'CAN','Barrie'),(16716,'BRA','Barueri'),(16717,'VEN','Baruta'),(16718,'CHE','Basel'),(16719,'GBR','Basildon'),(16720,'IND','Basirhat'),(16721,'IRQ','Basra'),(16722,'GLP','Basse-Terre'),(16723,'MMR','Bassein (Pathein)'),(16724,'KNA','Basseterre'),(16725,'ISR','Bat Yam'),(16726,'RUS','Bataisk'),(16727,'IDN','Batam'),(16728,'PHL','Batangas'),(16729,'TUR','Batman'),(16730,'DZA','Batna'),(16731,'USA','Baton Rouge'),(16732,'KHM','Battambang'),(16733,'GEO','Batumi'),(16734,'BRA','Bauru'),(16735,'OMN','Bawshar'),(16736,'PRI','BayamÃ³n'),(16737,'PHL','Bayambang'),(16738,'CUB','Bayamo'),(16739,'PHL','Bayawan (Tulong)'),(16740,'PHL','Baybay'),(16741,'PHL','Bayugan'),(16742,'NOR','BÃ¦rum'),(16743,'DZA','BÃ©char'),(16744,'DZA','BÃ©jaÃ¯a'),(16745,'MUS','Beau Bassin-Rose Hill'),(16746,'USA','Beaumont'),(16747,'IND','Beawar'),(16748,'ISR','Beerseba'),(16749,'CHN','BeiÂ´an'),(16750,'CHN','Beihai'),(16751,'CHN','Beipiao'),(16752,'MOZ','Beira'),(16753,'LBN','Beirut'),(16754,'IDN','Bekasi'),(16755,'BRA','BelÃ©m'),(16756,'GBR','Belfast'),(16757,'BRA','Belford Roxo'),(16758,'IND','Belgaum'),(16759,'RUS','Belgorod'),(16760,'BLZ','Belize City'),(16761,'IND','Bellary'),(16762,'USA','Bellevue'),(16763,'COL','Bello'),(16764,'BLZ','Belmopan'),(16765,'BRA','Belo Horizonte'),(16766,'MDA','Bender (TÃ®ghina)'),(16767,'ISR','Bene Beraq'),(16768,'LBY','Bengasi'),(16769,'CHN','Bengbu'),(16770,'IDN','Bengkulu'),(16771,'AGO','Benguela'),(16772,'MAR','Beni-Mellal'),(16773,'NGA','Benin City'),(16774,'MEX','Benito JuÃ¡rez'),(16775,'ZAF','Benoni'),(16776,'BRA','Bento GonÃ§alves'),(16777,'CHN','Benxi'),(16778,'YUG','Beograd'),(16779,'JPN','Beppu'),(16780,'ARG','Berazategui'),(16781,'UKR','Berdjansk'),(16782,'UKR','BerdytÂšiv'),(16783,'RUS','Berezniki'),(16784,'ITA','Bergamo'),(16785,'NOR','Bergen'),(16786,'DEU','Bergisch Gladbach'),(16787,'IND','Berhampore (Baharampur)'),(16788,'USA','Berkeley'),(16789,'DEU','Berlin'),(16790,'CHE','Bern'),(16791,'FRA','BesanÃ§on'),(16792,'BRA','Betim'),(16793,'IND','Bettiah'),(16794,'IND','Bhagalpur'),(16795,'IND','Bharatpur'),(16796,'IND','Bharuch (Broach)'),(16797,'IND','Bhatinda (Bathinda)'),(16798,'IND','Bhatpara'),(16799,'IND','Bhavnagar'),(16800,'IND','Bhilai'),(16801,'IND','Bhilwara'),(16802,'IND','Bhimavaram'),(16803,'IND','Bhind'),(16804,'IND','Bhir (Bid)'),(16805,'IND','Bhiwandi'),(16806,'IND','Bhiwani'),(16807,'IND','Bhopal'),(16808,'IND','Bhubaneswar'),(16809,'IND','Bhuj'),(16810,'IND','Bhusawal'),(16811,'POL','Bialystok'),(16812,'VNM','BiÃªn Hoa'),(16813,'PHL','BiÃ±an'),(16814,'NGA','Bida'),(16815,'IND','Bidar'),(16816,'DEU','Bielefeld'),(16817,'POL','Bielsko-Biala'),(16818,'IND','Bihar Sharif'),(16819,'IND','Bijapur'),(16820,'RUS','Bijsk'),(16821,'IND','Bikaner'),(16822,'KIR','Bikenibeu'),(16823,'UKR','Bila Tserkva'),(16824,'IND','Bilaspur'),(16825,'ESP','Bilbao'),(16826,'EGY','Bilbays'),(16827,'USA','Billings'),(16828,'PHL','Binangonan'),(16829,'IDN','Binjai'),(16830,'CHN','Binzhou'),(16831,'NPL','Biratnagar'),(16832,'NPL','Birgunj'),(16833,'BRA','Birigui'),(16834,'IRN','Birjand'),(16835,'GBR','Birkenhead'),(16836,'MLT','Birkirkara'),(16837,'GBR','Birmingham'),(16838,'TUN','Biserta'),(16839,'KGZ','Bishkek'),(16840,'DZA','Biskra'),(16841,'PHL','Bislig'),(16842,'TUR','Bismil'),(16843,'GNB','Bissau'),(16844,'GBR','Blackburn'),(16845,'GBR','Blackpool'),(16846,'RUS','BlagoveÂštÂšensk'),(16847,'MWI','Blantyre'),(16848,'DZA','Blida (el-Boulaida)'),(16849,'IDN','Blitar'),(16850,'ZAF','Bloemfontein'),(16851,'BRA','Blumenau'),(16852,'BRA','Boa Vista'),(16853,'BFA','Bobo-Dioulasso'),(16854,'BLR','Bobruisk'),(16855,'MEX','Boca del RÃ­o'),(16856,'DEU','Bochum'),(16857,'IDN','Bogor'),(16858,'BGD','Bogra'),(16859,'USA','Boise City'),(16860,'IRN','Bojnurd'),(16861,'IND','Bokaro Steel City'),(16862,'ZAF','Boksburg'),(16863,'ITA','Bologna'),(16864,'GBR','Bolton'),(16865,'ITA','Bolzano'),(16866,'COD','Boma'),(16867,'DEU','Bonn'),(16868,'SWE','BorÃ¥s'),(16869,'FRA','Bordeaux'),(16870,'BLR','Borisov'),(16871,'IRN','Borujerd'),(16872,'CHN','Bose'),(16873,'USA','Boston'),(16874,'ROM','Botosani'),(16875,'ZAF','Botshabelo'),(16876,'DEU','Bottrop'),(16877,'BRA','Botucatu'),(16878,'CIV','BouakÃ©'),(16879,'USA','Boulder'),(16880,'FRA','Boulogne-Billancourt'),(16881,'GBR','Bournemouth'),(16882,'CHN','Bozhou'),(16883,'GBR','Bradford'),(16884,'PRT','Braga'),(16885,'BRA','BraganÃ§a Paulista'),(16886,'BGD','Brahmanbaria'),(16887,'IND','Brahmapur'),(16888,'ROM','Braila'),(16889,'ZAF','Brakpan'),(16890,'CAN','Brampton'),(16891,'BRA','BrasÃ­lia'),(16892,'ROM','Brasov'),(16893,'SVK','Bratislava'),(16894,'RUS','Bratsk'),(16895,'DEU','Braunschweig'),(16896,'COG','Brazzaville'),(16897,'NLD','Breda'),(16898,'DEU','Bremen'),(16899,'DEU','Bremerhaven'),(16900,'ITA','Brescia'),(16901,'FRA','Brest'),(16902,'USA','Bridgeport'),(16903,'BRB','Bridgetown'),(16904,'GBR','Brighton'),(16905,'ITA','Brindisi'),(16906,'AUS','Brisbane'),(16907,'GBR','Bristol'),(16908,'RUS','Brjansk'),(16909,'CZE','Brno'),(16910,'USA','Brockton'),(16911,'UKR','Brovary'),(16912,'USA','Brownsville'),(16913,'BEL','Brugge'),(16914,'BEL','Bruxelles [Brussel]'),(16915,'COL','Bucaramanga'),(16916,'ROM','Bucuresti'),(16917,'HUN','Budapest'),(16918,'IND','Budaun'),(16919,'COL','Buenaventura'),(16920,'ARG','Buenos Aires'),(16921,'USA','Buffalo'),(16922,'COL','Buga'),(16923,'RUS','Bugulma'),(16924,'UZB','Buhoro'),(16925,'BDI','Bujumbura'),(16926,'IRN','Bukan'),(16927,'COD','Bukavu'),(16928,'IND','Bulandshahr'),(16929,'EGY','Bulaq al-Dakrur'),(16930,'ZWE','Bulawayo'),(16931,'VNM','Buon Ma Thuot'),(16932,'SAU','Burayda'),(16933,'USA','Burbank'),(16934,'BGR','Burgas'),(16935,'ESP','Burgos'),(16936,'IND','Burhanpur'),(16937,'CAN','Burlington'),(16938,'CAN','Burnaby'),(16939,'IND','Burnpur'),(16940,'TUR','Bursa'),(16941,'IRN','Bushehr'),(16942,'COD','Butembo'),(16943,'PHL','Butuan'),(16944,'ROM','Buzau'),(16945,'POL','Bydgoszcz'),(16946,'POL','Bytom'),(16947,'PHL','Cabanatuan'),(16948,'VEN','Cabimas'),(16949,'BRA','Cabo de Santo Agostinho'),(16950,'BRA','Cabo Frio'),(16951,'PHL','Cabuyao'),(16952,'BRA','Cachoeirinha'),(16953,'BRA','Cachoeiro de Itapemirim'),(16954,'PHL','Cadiz'),(16955,'FRA','Caen'),(16956,'PHL','Cagayan de Oro'),(16957,'ITA','Cagliari'),(16958,'PRI','Caguas'),(16959,'PHL','Cainta'),(16960,'AUS','Cairns'),(16961,'EGY','Cairo'),(16962,'PER','Cajamarca'),(16963,'MEX','Cajeme'),(16964,'NGA','Calabar'),(16965,'VEN','Calabozo'),(16966,'CHL','Calama'),(16967,'PHL','Calamba'),(16968,'PHL','Calapan'),(16969,'PHL','Calbayog'),(16970,'IND','Calcutta [Kolkata]'),(16971,'CAN','Calgary'),(16972,'COL','Cali'),(16973,'IND','Calicut (Kozhikode)'),(16974,'PER','Callao'),(16975,'VNM','Cam Pha'),(16976,'VNM','Cam Ranh'),(16977,'BRA','CamaÃ§ari'),(16978,'CUB','CamagÃ¼ey'),(16979,'BRA','Camaragibe'),(16980,'GBR','Cambridge'),(16981,'BRA','CametÃ¡'),(16982,'MEX','Campeche'),(16983,'BRA','Campina Grande'),(16984,'BRA','Campinas'),(16985,'BRA','Campo Grande'),(16986,'BRA','Campo Largo'),(16987,'BRA','Campos dos Goytacazes'),(16988,'VNM','Can Tho'),(16989,'AUS','Canberra'),(16990,'PHL','Candelaria'),(16991,'CHN','Cangzhou'),(16992,'BRA','Canoas'),(16993,'PHL','Capas'),(16994,'CAN','Cape Breton'),(16995,'USA','Cape Coral'),(16996,'ZAF','Cape Town'),(16997,'VEN','Caracas'),(16998,'BRA','CarapicuÃ­ba'),(16999,'VEN','CarÃºpano'),(17000,'GBR','Cardiff'),(17001,'BRA','Cariacica'),(17002,'MEX','Carmen'),(17003,'PRI','Carolina'),(17004,'HTI','Carrefour'),(17005,'USA','Carrollton'),(17006,'USA','Carson'),(17007,'ESP','Cartagena'),(17008,'COL','Cartago'),(17009,'BRA','Caruaru'),(17010,'USA','Cary'),(17011,'MAR','Casablanca'),(17012,'BRA','Cascavel'),(17013,'BRA','Castanhal'),(17014,'ESP','CastellÃ³n de la Plana [Castell'),(17015,'PER','Castilla'),(17016,'LCA','Castries'),(17017,'BRA','Catanduva'),(17018,'ITA','Catania'),(17019,'ITA','Catanzaro'),(17020,'VEN','Catia La Mar'),(17021,'PHL','Cauayan'),(17022,'BRA','Caucaia'),(17023,'PHL','Cavite'),(17024,'BRA','Caxias'),(17025,'BRA','Caxias do Sul'),(17026,'GUF','Cayenne'),(17027,'ESP','CÃ¡diz'),(17028,'MEX','CÃ¡rdenas'),(17029,'ARG','CÃ³rdoba'),(17030,'COL','CÃºcuta'),(17031,'PHL','Cebu'),(17032,'USA','Cedar Rapids'),(17033,'MEX','Celaya'),(17034,'AUS','Central Coast'),(17035,'MEX','Centro (Villahermosa)'),(17036,'ITA','Cesena'),(17037,'CZE','CeskÃ© Budejovice'),(17038,'TUR','Ceyhan'),(17039,'TTO','Chaguanas'),(17040,'MEX','Chalco'),(17041,'IND','Champdani'),(17042,'IND','Chandannagar'),(17043,'IND','Chandigarh'),(17044,'USA','Chandler'),(17045,'IND','Chandrapur'),(17046,'KOR','Chang-won'),(17047,'CHN','Changchun'),(17048,'CHN','Changde'),(17049,'TWN','Changhwa'),(17050,'CHN','Changji'),(17051,'CHN','Changsha'),(17052,'CHN','Changshu'),(17053,'CHN','Changzhi'),(17054,'CHN','Changzhou'),(17055,'CHN','Chaohu'),(17056,'CHN','Chaoyang'),(17057,'CHN','Chaozhou'),(17058,'BRA','ChapecÃ³'),(17059,'IND','Chapra'),(17060,'BEL','Charleroi'),(17061,'USA','Charleston'),(17062,'USA','Charlotte'),(17063,'VIR','Charlotte Amalie'),(17064,'ZAF','Chatsworth'),(17065,'USA','Chattanooga'),(17066,'TKM','ChÃ¤rjew'),(17067,'KOR','Chechon'),(17068,'KOR','Cheju'),(17069,'GBR','Chelmsford'),(17070,'GBR','Cheltenham'),(17071,'DEU','Chemnitz'),(17072,'CHN','Chengde'),(17073,'CHN','Chengdu'),(17074,'IND','Chennai (Madras)'),(17075,'CHN','Chenzhou'),(17076,'USA','Chesapeake'),(17077,'IND','Chhindwara'),(17078,'THA','Chiang Mai'),(17079,'TWN','Chiayi'),(17080,'JPN','Chiba'),(17081,'USA','Chicago'),(17082,'PER','Chiclayo'),(17083,'CHN','Chifeng'),(17084,'JPN','Chigasaki'),(17085,'MEX','Chihuahua'),(17086,'MEX','Chilapa de Alvarez'),(17087,'CHL','ChillÃ¡n'),(17088,'MEX','Chilpancingo de los Bravo'),(17089,'MEX','ChimalhuacÃ¡n'),(17090,'PER','Chimbote'),(17091,'MOZ','Chimoio'),(17092,'NIC','Chinandega'),(17093,'PER','Chincha Alta'),(17094,'ZMB','Chingola'),(17095,'KOR','Chinhae'),(17096,'PAK','Chiniot'),(17097,'KOR','Chinju'),(17098,'PAK','Chishtian Mandi'),(17099,'MDA','Chisinau'),(17100,'BGD','Chittagong'),(17101,'IND','Chittoor'),(17102,'ZWE','Chitungwiza'),(17103,'JPN','Chofu'),(17104,'KOR','Chonan'),(17105,'KOR','Chong-up'),(17106,'PRK','Chongjin'),(17107,'KOR','Chongju'),(17108,'CHN','Chongqing'),(17109,'KOR','Chonju'),(17110,'POL','ChorzÃ³w'),(17111,'NZL','Christchurch'),(17112,'USA','Chula Vista'),(17113,'KOR','Chunchon'),(17114,'TWN','Chungho'),(17115,'KOR','Chungju'),(17116,'TWN','Chungli'),(17117,'CHN','Chuzhou'),(17118,'IDN','Cianjur'),(17119,'IDN','Cibinong'),(17120,'CUB','Ciego de Ãvila'),(17121,'CUB','Cienfuegos'),(17122,'IDN','Cilacap'),(17123,'IDN','Cilegon'),(17124,'IDN','Cimahi'),(17125,'IDN','Cimanggis'),(17126,'USA','Cincinnati'),(17127,'IDN','Ciomas'),(17128,'IDN','Ciparay'),(17129,'IDN','Ciputat'),(17130,'UZB','Circik'),(17131,'IDN','Cirebon'),(17132,'IDN','Citeureup'),(17133,'USA','Citrus Heights'),(17134,'VAT','CittÃ  del Vaticano'),(17135,'VEN','Ciudad BolÃ­var'),(17136,'GTM','Ciudad de Guatemala'),(17137,'MEX','Ciudad de MÃ©xico'),(17138,'PAN','Ciudad de PanamÃ¡'),(17139,'PRY','Ciudad del Este'),(17140,'VEN','Ciudad Guayana'),(17141,'VEN','Ciudad Losada'),(17142,'MEX','Ciudad Madero'),(17143,'VEN','Ciudad Ojeda'),(17144,'MEX','Ciudad Valles'),(17145,'CHN','Cixi'),(17146,'UZB','Cizah'),(17147,'USA','Clarksville'),(17148,'USA','Clearwater'),(17149,'FRA','Clermont-Ferrand'),(17150,'USA','Cleveland'),(17151,'ROM','Cluj-Napoca'),(17152,'MEX','Coacalco de BerriozÃ¡bal'),(17153,'MEX','Coatzacoalcos'),(17154,'PRT','CoÃ­mbra'),(17155,'BOL','Cochabamba'),(17156,'IND','Cochin (Kochi)'),(17157,'TCA','Cockburn Town'),(17158,'BRA','CodÃ³'),(17159,'IND','Coimbatore'),(17160,'BRA','Colatina'),(17161,'GBR','Colchester'),(17162,'MEX','Colima'),(17163,'BRA','Colombo'),(17164,'USA','Colorado Springs'),(17165,'USA','Columbia'),(17166,'USA','Columbus'),(17167,'MEX','Comalcalco'),(17168,'BGD','Comilla'),(17169,'MEX','ComitÃ¡n de DomÃ­nguez'),(17170,'ARG','Comodoro Rivadavia'),(17171,'USA','Compton'),(17172,'GIN','Conakry'),(17173,'CHL','ConcepciÃ³n'),(17174,'PHL','Concepcion'),(17175,'USA','Concord'),(17176,'ARG','Concordia'),(17177,'BRA','Conselheiro Lafaiete'),(17178,'ROM','Constanta'),(17179,'DZA','Constantine'),(17180,'BRA','Contagem'),(17181,'CHL','CopiapÃ³'),(17182,'CHL','Coquimbo'),(17183,'CAN','Coquitlam'),(17184,'USA','Coral Springs'),(17185,'IRL','Cork'),(17186,'USA','Corona'),(17187,'CHL','Coronel'),(17188,'BRA','Coronel Fabriciano'),(17189,'USA','Corpus Christi'),(17190,'ARG','Corrientes'),(17191,'BRA','CorumbÃ¡'),(17192,'MEX','Cosoleacaque'),(17193,'USA','Costa Mesa'),(17194,'PHL','Cotabato'),(17195,'BRA','Cotia'),(17196,'BEN','Cotonou'),(17197,'DEU','Cottbus'),(17198,'GBR','Coventry'),(17199,'ROM','Craiova'),(17200,'BRA','Crato'),(17201,'GBR','Crawley'),(17202,'BRA','CriciÃºma'),(17203,'MEX','CuauhtÃ©moc'),(17204,'MEX','CuautitlÃ¡n Izcalli'),(17205,'MEX','Cuautla'),(17206,'BRA','CubatÃ£o'),(17207,'IND','Cuddalore'),(17208,'IND','Cuddapah'),(17209,'ECU','Cuenca'),(17210,'MEX','Cuernavaca'),(17211,'BRA','CuiabÃ¡'),(17212,'MEX','CuliacÃ¡n'),(17213,'VEN','CumanÃ¡'),(17214,'MEX','CunduacÃ¡n'),(17215,'CHL','CuricÃ³'),(17216,'BRA','Curitiba'),(17217,'PER','Cusco'),(17218,'POL','Czestochowa'),(17219,'VNM','Da Lat'),(17220,'VNM','Da Nang'),(17221,'CHN','DaÂ´an'),(17222,'IND','Dabgram'),(17223,'POL','Dabrowa GÃ³rnicza'),(17224,'PAK','Dadu'),(17225,'PHL','Dagupan'),(17226,'JPN','Daito'),(17227,'SEN','Dakar'),(17228,'MHL','Dalap-Uliga-Darrit'),(17229,'CHN','Dali'),(17230,'CHN','Dalian'),(17231,'USA','Dallas'),(17232,'CIV','Daloa'),(17233,'USA','Daly City'),(17234,'EGY','Damanhur'),(17235,'SYR','Damascus'),(17236,'IND','Damoh'),(17237,'PHL','Danao'),(17238,'CHN','Dandong'),(17239,'CHN','Danjiangkou'),(17240,'CHN','Danyang'),(17241,'CHN','Daqing'),(17242,'TZA','Dar es Salaam'),(17243,'PHL','Daraga (Locsin)'),(17244,'IND','Darbhanga'),(17245,'DEU','Darmstadt'),(17246,'TKM','Dashhowuz'),(17247,'PAK','Daska'),(17248,'PHL','DasmariÃ±as'),(17249,'CHN','Datong'),(17250,'LVA','Daugavpils'),(17251,'IND','Davangere'),(17252,'PHL','Davao'),(17253,'USA','Davenport'),(17254,'CHN','Daxian'),(17255,'SYR','Dayr al-Zawr'),(17256,'USA','Dayton'),(17257,'DEU','DÃ¼ren'),(17258,'DEU','DÃ¼sseldorf'),(17259,'NGA','Deba Habe'),(17260,'HUN','Debrecen'),(17261,'LKA','Dehiwala'),(17262,'IND','Dehra Dun'),(17263,'IND','Dehri'),(17264,'NLD','Delft'),(17265,'IND','Delhi'),(17266,'IND','Delhi Cantonment'),(17267,'MEX','Delicias'),(17268,'HTI','Delmas'),(17269,'CAN','Delta'),(17270,'TUR','Denizli'),(17271,'IDN','Denpasar'),(17272,'USA','Denver'),(17273,'IDN','Depok'),(17274,'PAK','Dera Ghazi Khan'),(17275,'PAK','Dera Ismail Khan'),(17276,'RUS','Derbent'),(17277,'GBR','Derby'),(17278,'USA','Des Moines'),(17279,'ETH','Dese'),(17280,'USA','Detroit'),(17281,'IND','Dewas'),(17282,'CHN','Deyang'),(17283,'IRN','Dezful'),(17284,'CHN','Dezhou'),(17285,'BGD','Dhaka'),(17286,'IND','Dhanbad'),(17287,'IND','Dhule (Dhulia)'),(17288,'BRA','Diadema'),(17289,'IND','Dibrugarh'),(17290,'PHL','Digos'),(17291,'FRA','Dijon'),(17292,'TMP','Dili'),(17293,'RUS','Dimitrovgrad'),(17294,'BGD','Dinajpur'),(17295,'IND','Dindigul'),(17296,'SEN','Diourbel'),(17297,'PHL','Dipolog'),(17298,'ETH','Dire Dawa'),(17299,'EGY','Disuq'),(17300,'BRA','DivinÃ³polis'),(17301,'TUR','Diyarbakir'),(17302,'DJI','Djibouti'),(17303,'BEN','Djougou'),(17304,'UKR','Dniprodzerzynsk'),(17305,'UKR','Dnipropetrovsk'),(17306,'BGR','Dobric'),(17307,'TZA','Dodoma'),(17308,'QAT','Doha'),(17309,'MEX','Dolores Hidalgo'),(17310,'UKR','Donetsk'),(17311,'CHN','Dongtai'),(17312,'CHN','Dongwan'),(17313,'CHN','Dongying'),(17314,'ESP','Donostia-San SebastiÃ¡n'),(17315,'NLD','Dordrecht'),(17316,'DEU','Dortmund'),(17317,'ESP','Dos Hermanas'),(17318,'COL','Dos Quebradas'),(17319,'CMR','Douala'),(17320,'GBR','Douglas'),(17321,'BRA','Dourados'),(17322,'USA','Downey'),(17323,'DEU','Dresden'),(17324,'ROM','Drobeta-Turnu Severin'),(17325,'ARE','Dubai'),(17326,'IRL','Dublin'),(17327,'GBR','Dudley'),(17328,'DEU','Duisburg'),(17329,'CHN','Dujiangyan'),(17330,'SYR','Duma'),(17331,'PHL','Dumaguete'),(17332,'GBR','Dundee'),(17333,'NZL','Dunedin'),(17334,'CHN','Dunhua'),(17335,'BRA','Duque de Caxias'),(17336,'ECU','Duran [Eloy Alfaro]'),(17337,'MEX','Durango'),(17338,'ZAF','Durban'),(17339,'IND','Durg'),(17340,'IND','Durgapur'),(17341,'USA','Durham'),(17342,'TJK','Dushanbe'),(17343,'CHN','Duyun'),(17344,'RUS','Dzerzinsk'),(17345,'ZAF','East London'),(17346,'USA','East Los Angeles'),(17347,'CAN','East York'),(17348,'GBR','Eastbourne'),(17349,'JPN','Ebetsu'),(17350,'JPN','Ebina'),(17351,'MEX','Ecatepec de Morelos'),(17352,'DZA','Ech-Chleff (el-Asnam)'),(17353,'NLD','Ede'),(17354,'GBR','Edinburgh'),(17355,'TUR','Edirne'),(17356,'CAN','Edmonton'),(17357,'NGA','Effon-Alaiye'),(17358,'NLD','Eindhoven'),(17359,'NGA','Ejigbo'),(17360,'KAZ','Ekibastuz'),(17361,'BOL','El Alto'),(17362,'MAR','El Araich'),(17363,'USA','El Cajon'),(17364,'MEX','El Fuerte'),(17365,'MAR','El Jadida'),(17366,'VEN','El LimÃ³n'),(17367,'MEX','El Mante'),(17368,'USA','El Monte'),(17369,'USA','El Paso'),(17370,'VEN','El Tigre'),(17371,'ESH','El-AaiÃºn'),(17372,'TUR','ElÃ¢zig'),(17373,'POL','Elblag'),(17374,'ESP','Elche [Elx]'),(17375,'KEN','Eldoret'),(17376,'RUS','Elektrostal'),(17377,'USA','Elgin'),(17378,'RUS','Elista'),(17379,'USA','Elizabeth'),(17380,'IND','Eluru'),(17381,'BRA','Embu'),(17382,'CHN','Emeishan'),(17383,'NLD','Emmen'),(17384,'RUS','Engels'),(17385,'NLD','Enschede'),(17386,'MEX','Ensenada'),(17387,'CHN','Enshi'),(17388,'NGA','Enugu'),(17389,'COL','Envigado'),(17390,'NGA','Epe'),(17391,'DEU','Erfurt'),(17392,'USA','Erie'),(17393,'DEU','Erlangen'),(17394,'IND','Erode'),(17395,'TUR','Erzincan'),(17396,'TUR','Erzurum'),(17397,'ARG','Escobar'),(17398,'USA','Escondido'),(17399,'IRN','Esfahan'),(17400,'TUR','Eskisehir'),(17401,'IRN','Eslamshahr'),(17402,'ECU','Esmeraldas'),(17403,'FIN','Espoo'),(17404,'DEU','Essen'),(17405,'DEU','Esslingen am Neckar'),(17406,'ARG','Esteban EcheverrÃ­a'),(17407,'IND','Etawah'),(17408,'CAN','Etobicoke'),(17409,'TUN','Ettadhamen'),(17410,'USA','Eugene'),(17411,'BRA','EunÃ¡polis'),(17412,'USA','Evansville'),(17413,'GBR','Exeter'),(17414,'ARG','Ezeiza'),(17415,'CHN','Ezhou'),(17416,'PYF','Faaa'),(17417,'ASM','Fagatogo'),(17418,'USA','Fairfield'),(17419,'PAK','Faisalabad'),(17420,'IND','Faizabad'),(17421,'TKL','Fakaofo'),(17422,'USA','Fall River'),(17423,'UZB','Fargona'),(17424,'IND','Faridabad'),(17425,'IND','Farrukhabad-cum-Fatehgarh'),(17426,'IND','Fatehpur'),(17427,'USA','Fayetteville'),(17428,'MAR','FÃ¨s'),(17429,'DEU','FÃ¼rth'),(17430,'BRA','Feira de Santana'),(17431,'CHN','Fengcheng'),(17432,'TWN','Fengshan'),(17433,'TWN','Fengyuan'),(17434,'PRY','Fernando de la Mora'),(17435,'ITA','Ferrara'),(17436,'BRA','Ferraz de Vasconcelos'),(17437,'MDG','Fianarantsoa'),(17438,'ITA','Firenze'),(17439,'IND','Firozabad'),(17440,'USA','Flint'),(17441,'COL','Florencia'),(17442,'ARG','Florencio Varela'),(17443,'BRA','FlorianÃ³polis'),(17444,'COL','Floridablanca'),(17445,'CXR','Flying Fish Cove'),(17446,'ROM','Focsani'),(17447,'ITA','Foggia'),(17448,'USA','Fontana'),(17449,'ITA','ForlÃ¬'),(17450,'ARG','Formosa'),(17451,'USA','Fort Collins'),(17452,'USA','Fort Lauderdale'),(17453,'USA','Fort Wayne'),(17454,'USA','Fort Worth'),(17455,'MTQ','Fort-de-France'),(17456,'BRA','Fortaleza'),(17457,'CHN','Foshan'),(17458,'BRA','Foz do IguaÃ§u'),(17459,'BRA','Franca'),(17460,'BRA','Francisco Morato'),(17461,'BWA','Francistown'),(17462,'BRA','Franco da Rocha'),(17463,'DEU','Frankfurt am Main'),(17464,'DNK','Frederiksberg'),(17465,'SLE','Freetown'),(17466,'DEU','Freiburg im Breisgau'),(17467,'USA','Fremont'),(17468,'MEX','Fresnillo'),(17469,'USA','Fresno'),(17470,'CHN','FuÂ´an'),(17471,'JPN','Fuchu'),(17472,'ESP','Fuenlabrada'),(17473,'JPN','Fuji'),(17474,'JPN','Fujieda'),(17475,'JPN','Fujimi'),(17476,'CHN','Fujin'),(17477,'JPN','Fujinomiya'),(17478,'JPN','Fujisawa'),(17479,'JPN','Fukaya'),(17480,'JPN','Fukui'),(17481,'JPN','Fukuoka'),(17482,'JPN','Fukushima'),(17483,'JPN','Fukuyama'),(17484,'CHN','Fuling'),(17485,'USA','Fullerton'),(17486,'JPN','Funabashi'),(17487,'TUV','Funafuti'),(17488,'CHN','Fuqing'),(17489,'CHN','Fushun'),(17490,'CHN','Fuxin'),(17491,'CHN','Fuyang'),(17492,'CHN','Fuyu'),(17493,'CHN','Fuzhou'),(17494,'TUN','GabÃ¨s'),(17495,'BWA','Gaborone'),(17496,'IND','Gadag Betigeri'),(17497,'USA','Gainesville'),(17498,'ROM','Galati'),(17499,'IND','Gandhidham'),(17500,'IND','Gandhinagar'),(17501,'IND','Ganganagar'),(17502,'CHN','Ganzhou'),(17503,'BRA','Garanhuns'),(17504,'MNP','Garapan'),(17505,'USA','Garden Grove'),(17506,'USA','Garland'),(17507,'CMR','Garoua'),(17508,'IDN','Garut'),(17509,'USA','Gary'),(17510,'CAN','Gatineau'),(17511,'IND','Gaya'),(17512,'PSE','Gaza'),(17513,'TUR','Gaziantep'),(17514,'BGD','Gazipur'),(17515,'AZE','GÃ¤ncÃ¤'),(17516,'SWE','GÃ¤vle'),(17517,'MEX','GÃ³mez Palacio'),(17518,'DEU','GÃ¶ttingen'),(17519,'DEU','GÃ¼tersloh'),(17520,'POL','Gdansk'),(17521,'POL','Gdynia'),(17522,'TUR','Gebze'),(17523,'AUS','Geelong'),(17524,'CHN','Gejiu'),(17525,'DEU','Gelsenkirchen'),(17526,'MEX','General Escobedo'),(17527,'PHL','General Mariano Alvarez'),(17528,'ARG','General San MartÃ­n'),(17529,'PHL','General Santos'),(17530,'PHL','General Trias'),(17531,'CHE','Geneve'),(17532,'ITA','Genova'),(17533,'BEL','Gent'),(17534,'ZAF','George'),(17535,'CYM','George Town'),(17536,'GUY','Georgetown'),(17537,'DEU','Gera'),(17538,'ZAF','Germiston'),(17539,'ESP','Getafe'),(17540,'DZA','GhardaÃ¯a'),(17541,'IND','Ghaziabad'),(17542,'CHN','Ghulja'),(17543,'GIB','Gibraltar'),(17544,'JPN','Gifu'),(17545,'ESP','GijÃ³n'),(17546,'USA','Gilbert'),(17547,'GBR','Gillingham'),(17548,'PHL','Gingoog'),(17549,'COL','Girardot'),(17550,'COL','Giron'),(17551,'ITA','Giugliano in Campania'),(17552,'EGY','Giza'),(17553,'ARM','Gjumri'),(17554,'GBR','Glasgow'),(17555,'RUS','Glazov'),(17556,'USA','Glendale'),(17557,'POL','Gliwice'),(17558,'GBR','Gloucester'),(17559,'IND','Godhra'),(17560,'ARG','Godoy Cruz'),(17561,'BRA','GoiÃ¢nia'),(17562,'PAK','Gojra'),(17563,'AUS','Gold Coast'),(17564,'COD','Goma'),(17565,'NGA','Gombe'),(17566,'BLR','Gomel'),(17567,'IRN','Gonbad-e Qabus'),(17568,'IND','Gonda'),(17569,'ETH','Gonder'),(17570,'IND','Gondiya'),(17571,'CHN','Gongziling'),(17572,'IND','Gorakhpur'),(17573,'IRN','Gorgan'),(17574,'UKR','Gorlivka'),(17575,'IDN','Gorontalo'),(17576,'POL','GorzÃ³w Wielkopolski'),(17577,'SWE','Gothenburg [GÃ¶teborg]'),(17578,'BRA','Governador Valadares'),(17579,'ESP','Granada'),(17580,'USA','Grand Prairie'),(17581,'USA','Grand Rapids'),(17582,'BRA','GravataÃ­'),(17583,'AUT','Graz'),(17584,'USA','Green Bay'),(17585,'USA','Greensboro'),(17586,'FRA','Grenoble'),(17587,'GBR','Grimsby'),(17588,'BLR','Grodno'),(17589,'NLD','Groningen'),(17590,'RUS','Grozny'),(17591,'POL','Grudziadz'),(17592,'BRA','GuaÃ­ba'),(17593,'VEN','Guacara'),(17594,'MEX','Guadalajara'),(17595,'MEX','Guadalupe'),(17596,'PHL','Guagua'),(17597,'MEX','Guanajuato'),(17598,'VEN','Guanare'),(17599,'CHN','Guangshui'),(17600,'CHN','Guangyuan'),(17601,'CUB','GuantÃ¡namo'),(17602,'BRA','Guarapuava'),(17603,'BRA','GuaratinguetÃ¡'),(17604,'VEN','Guarenas'),(17605,'BRA','GuarujÃ¡'),(17606,'BRA','Guarulhos'),(17607,'MEX','Guasave'),(17608,'VEN','Guatire'),(17609,'ECU','Guayaquil'),(17610,'ARG','GuaymallÃ©n'),(17611,'MEX','Guaymas'),(17612,'PRI','Guaynabo'),(17613,'IND','Gudivada'),(17614,'CAN','Guelph'),(17615,'CHN','Guigang'),(17616,'CHN','Guilin'),(17617,'CHN','Guiyang'),(17618,'PAK','Gujranwala'),(17619,'PAK','Gujrat'),(17620,'IND','Gulbarga'),(17621,'IND','Guna'),(17622,'IND','Guntakal'),(17623,'IND','Guntur'),(17624,'IND','Gurgaon'),(17625,'MOZ','Gurue'),(17626,'NGA','Gusau'),(17627,'IND','Guwahati (Gauhati)'),(17628,'IND','Gwalior'),(17629,'ZWE','Gweru'),(17630,'HUN','GyÃ¶r'),(17631,'NLD','Haag'),(17632,'NLD','Haarlem'),(17633,'NLD','Haarlemmermeer'),(17634,'RUS','Habarovsk'),(17635,'JPN','Habikino'),(17636,'IND','Habra'),(17637,'JPN','Hachinohe'),(17638,'JPN','Hachioji'),(17639,'JPN','Hadano'),(17640,'PRK','Haeju'),(17641,'SAU','Hafar al-Batin'),(17642,'PAK','Hafizabad'),(17643,'DEU','Hagen'),(17644,'PHL','Hagonoy'),(17645,'CHN','Haicheng'),(17646,'ISR','Haifa'),(17647,'CHN','Haikou'),(17648,'SAU','Hail'),(17649,'CHN','Hailar'),(17650,'CHN','Hailun'),(17651,'CHN','Haining'),(17652,'VNM','Haiphong'),(17653,'JPN','Hakodate'),(17654,'IND','Haldia'),(17655,'IND','Haldwani-cum-Kathgodam'),(17656,'GBR','Halifax'),(17657,'IND','Halisahar'),(17658,'DEU','Halle/Saale'),(17659,'SYR','Hama'),(17660,'IRN','Hamadan'),(17661,'JPN','Hamamatsu'),(17662,'DEU','Hamburg'),(17663,'PRK','Hamhung'),(17664,'CHN','Hami'),(17665,'BMU','Hamilton'),(17666,'DEU','Hamm'),(17667,'USA','Hampton'),(17668,'KOR','Hanam'),(17669,'JPN','Handa'),(17670,'CHN','Handan'),(17671,'CHN','Hangzhou'),(17672,'DEU','Hannover'),(17673,'VNM','Hanoi'),(17674,'CHN','Hanzhong'),(17675,'IND','Haora (Howrah)'),(17676,'IND','Hapur'),(17677,'ZWE','Harare'),(17678,'CHN','Harbin'),(17679,'IND','Hardwar (Haridwar)'),(17680,'SOM','Hargeysa'),(17681,'UKR','Harkova [Harkiv]'),(17682,'USA','Hartford'),(17683,'GBR','Hartlepool'),(17684,'IND','Hassan'),(17685,'THA','Hat Yai'),(17686,'TUR','Hatay (Antakya)'),(17687,'IND','Hathras'),(17688,'USA','Hayward'),(17689,'IND','Hazaribag'),(17690,'CHN','Hebi'),(17691,'PSE','Hebron'),(17692,'NLD','Heerlen'),(17693,'CHN','Hefei'),(17694,'CHN','Hegang'),(17695,'DEU','Heidelberg'),(17696,'DEU','Heilbronn'),(17697,'SWE','Helsingborg'),(17698,'FIN','Helsinki [Helsingfors]'),(17699,'USA','Henderson'),(17700,'CHN','Hengshui'),(17701,'CHN','Hengyang'),(17702,'MMR','Henzada (Hinthada)'),(17703,'GRC','Herakleion'),(17704,'AFG','Herat'),(17705,'MEX','Hermosillo'),(17706,'DEU','Herne'),(17707,'UKR','Herson'),(17708,'CHN','Heyuan'),(17709,'CHN','Heze'),(17710,'USA','Hialeah'),(17711,'MEX','Hidalgo'),(17712,'MEX','Hidalgo del Parral'),(17713,'JPN','Higashihiroshima'),(17714,'JPN','Higashikurume'),(17715,'JPN','Higashimatsuyama'),(17716,'JPN','Higashimurayama'),(17717,'JPN','Higashiosaka'),(17718,'JPN','Hikone'),(17719,'DEU','Hildesheim'),(17720,'JPN','Himeji'),(17721,'RUS','Himki'),(17722,'SYR','Hims'),(17723,'IND','Hindupur'),(17724,'JPN','Hino'),(17725,'JPN','Hirakata'),(17726,'JPN','Hiratsuka'),(17727,'JPN','Hirosaki'),(17728,'JPN','Hiroshima'),(17729,'IND','Hisar (Hissar)'),(17730,'JPN','Hitachi'),(17731,'JPN','Hitachinaka'),(17732,'UKR','Hmelnytskyi'),(17733,'VNM','Ho Chi Minh City'),(17734,'AUS','Hobart'),(17735,'YEM','Hodeida'),(17736,'JPN','Hofu'),(17737,'CHN','Hohhot'),(17738,'CUB','HolguÃ­n'),(17739,'USA','Hollywood'),(17740,'ISR','Holon'),(17741,'VNM','Hong Gai'),(17742,'CHN','Honghu'),(17743,'CHN','Hongjiang'),(17744,'SLB','Honiara'),(17745,'USA','Honolulu'),(17746,'BRA','HortolÃ¢ndia'),(17747,'IND','Hoshiarpur'),(17748,'IND','Hospet'),(17749,'USA','Houston'),(17750,'JPN','Hoya'),(17751,'CZE','Hradec KrÃ¡lovÃ©'),(17752,'TWN','Hsichuh'),(17753,'TWN','Hsinchu'),(17754,'TWN','Hsinchuang'),(17755,'TWN','Hsintien'),(17756,'CHN','Huadian'),(17757,'CHN','HuaiÂ´an'),(17758,'CHN','Huaibei'),(17759,'CHN','Huaihua'),(17760,'CHN','Huainan'),(17761,'CHN','Huaiyin'),(17762,'TWN','Hualien'),(17763,'AGO','Huambo'),(17764,'PER','Huancayo'),(17765,'CHN','Huangshan'),(17766,'CHN','Huangshi'),(17767,'CHN','Huangyan'),(17768,'CHN','Huaying'),(17769,'PER','HuÃ¡nuco'),(17770,'IND','Hubli-Dharwad'),(17771,'GBR','Huddersfield'),(17772,'VNM','Hue'),(17773,'MEX','Huejutla de Reyes'),(17774,'ESP','Huelva'),(17775,'IND','Hugli-Chinsurah'),(17776,'MEX','Huimanguillo'),(17777,'MEX','Huixquilucan'),(17778,'CHN','Huizhou'),(17779,'CHN','Hunjiang'),(17780,'USA','Huntington Beach'),(17781,'USA','Huntsville'),(17782,'ARG','Hurlingham'),(17783,'CHN','Huzhou'),(17784,'IND','Hyderabad'),(17785,'PRK','Hyesan'),(17786,'ROM','Iasi'),(17787,'NGA','Ibadan'),(17788,'COL','IbaguÃ©'),(17789,'JPN','Ibaraki'),(17790,'ECU','Ibarra'),(17791,'YEM','Ibb'),(17792,'BRA','IbiritÃ©'),(17793,'PER','Ica'),(17794,'IND','Ichalkaranji'),(17795,'JPN','Ichihara'),(17796,'JPN','Ichikawa'),(17797,'JPN','Ichinomiya'),(17798,'KOR','Ichon'),(17799,'EGY','Idfu'),(17800,'SYR','Idlib'),(17801,'NGA','Ife'),(17802,'NGA','Igboho'),(17803,'MEX','Iguala de la Independencia'),(17804,'JPN','Iida'),(17805,'NGA','Ijebu-Ode'),(17806,'NGA','Ikare'),(17807,'JPN','Ikeda'),(17808,'NGA','Ikerre'),(17809,'NGA','Ikire'),(17810,'NGA','Ikirun'),(17811,'JPN','Ikoma'),(17812,'NGA','Ikorodu'),(17813,'KOR','Iksan'),(17814,'NGA','Ila'),(17815,'PHL','Ilagan'),(17816,'IRN','Ilam'),(17817,'TWN','Ilan'),(17818,'NGA','Ilawe-Ekiti'),(17819,'NGA','Ilesha'),(17820,'BRA','IlhÃ©us'),(17821,'PHL','Iligan'),(17822,'NGA','Ilobu'),(17823,'PHL','Iloilo'),(17824,'NGA','Ilorin'),(17825,'JPN','Imabari'),(17826,'BRA','Imperatriz'),(17827,'IND','Imphal'),(17828,'PHL','Imus'),(17829,'ZAF','Inanda'),(17830,'JPN','Inazawa'),(17831,'KOR','Inchon'),(17832,'BRA','Indaiatuba'),(17833,'USA','Independence'),(17834,'USA','Indianapolis'),(17835,'IND','Indore'),(17836,'TUR','InegÃ¶l'),(17837,'USA','Inglewood'),(17838,'DEU','Ingolstadt'),(17839,'IND','Ingraj Bazar (English Bazar)'),(17840,'NGA','Inisa'),(17841,'AUT','Innsbruck'),(17842,'BRA','Ipatinga'),(17843,'MYS','Ipoh'),(17844,'GBR','Ipswich'),(17845,'CHL','Iquique'),(17846,'PER','Iquitos'),(17847,'MEX','Irapuato'),(17848,'JOR','Irbid'),(17849,'IRQ','Irbil'),(17850,'RUS','Irkutsk'),(17851,'JPN','Iruma'),(17852,'USA','Irvine'),(17853,'USA','Irving'),(17854,'JPN','Isahaya'),(17855,'JPN','Ise'),(17856,'NGA','Ise-Ekiti'),(17857,'JPN','Isehara'),(17858,'DEU','Iserlohn'),(17859,'JPN','Isesaki'),(17860,'NGA','Iseyin'),(17861,'JPN','Ishinomaki'),(17862,'TUR','Iskenderun'),(17863,'PAK','Islamabad'),(17864,'EGY','Ismailia'),(17865,'TUR','Isparta'),(17866,'TUR','Istanbul'),(17867,'BRA','Itabira'),(17868,'BRA','ItaboraÃ­'),(17869,'BRA','Itabuna'),(17870,'COL','ItagÃ¼Ã­'),(17871,'BRA','Itaituba'),(17872,'BRA','ItajaÃ­'),(17873,'JPN','Itami'),(17874,'BRA','Itapecerica da Serra'),(17875,'BRA','Itapetininga'),(17876,'BRA','Itapevi'),(17877,'BRA','Itaquaquecetuba'),(17878,'BRA','Itu'),(17879,'BRA','Ituiutaba'),(17880,'ARG','ItuzaingÃ³'),(17881,'UKR','Ivano-Frankivsk'),(17882,'RUS','Ivanovo'),(17883,'JPN','Iwaki'),(17884,'JPN','Iwakuni'),(17885,'JPN','Iwatsuki'),(17886,'NGA','Iwo'),(17887,'MEX','Ixtapaluca'),(17888,'MEX','Ixtlahuaca'),(17889,'RUS','Izevsk'),(17890,'UKR','Izmajil'),(17891,'TUR','Izmir'),(17892,'TUR','Izmit (Kocaeli)'),(17893,'JPN','Izumi'),(17894,'JPN','Izumisano'),(17895,'ESP','JaÃ©n'),(17896,'BRA','JaÃº'),(17897,'PSE','Jabaliya'),(17898,'IND','Jabalpur'),(17899,'BRA','JaboatÃ£o dos Guararapes'),(17900,'BRA','JacareÃ­'),(17901,'USA','Jackson'),(17902,'USA','Jacksonville'),(17903,'PAK','Jacobabad'),(17904,'BRA','Jacobina'),(17905,'LKA','Jaffna'),(17906,'IRN','Jahrom'),(17907,'IND','Jaipur'),(17908,'IDN','Jakarta'),(17909,'RUS','Jakutsk'),(17910,'IND','Jalandhar (Jullundur)'),(17911,'IND','Jalgaon'),(17912,'KWT','Jalib al-Shuyukh'),(17913,'IND','Jalna'),(17914,'BGD','Jamalpur'),(17915,'IDN','Jambi'),(17916,'SHN','Jamestown'),(17917,'IND','Jammu'),(17918,'IND','Jamnagar'),(17919,'IND','Jamshedpur'),(17920,'BRA','JaraguÃ¡ do Sul'),(17921,'SYR','Jaramana'),(17922,'PAK','Jaranwala'),(17923,'RUS','Jaroslavl'),(17924,'POL','Jastrzebie-ZdrÃ³j'),(17925,'IND','Jaunpur'),(17926,'POL','Jaworzno'),(17927,'IDN','Jaya Pura'),(17928,'SWE','JÃ¶nkÃ¶ping'),(17929,'SAU','Jedda'),(17930,'RUS','Jekaterinburg'),(17931,'POL','Jelenia GÃ³ra'),(17932,'RUS','Jelets'),(17933,'IDN','Jember'),(17934,'DEU','Jena'),(17935,'UKR','Jenakijeve'),(17936,'BRA','JequiÃ©'),(17937,'ESP','Jerez de la Frontera'),(17938,'USA','Jersey City'),(17939,'ISR','Jerusalem'),(17940,'RUS','Jessentuki'),(17941,'BGD','Jessore'),(17942,'UKR','Jevpatorija'),(17943,'PAK','Jhang'),(17944,'IND','Jhansi'),(17945,'PAK','Jhelum'),(17946,'BRA','Ji-ParanÃ¡'),(17947,'CHN','Jiamusi'),(17948,'CHN','Jiangmen'),(17949,'CHN','Jiangyin'),(17950,'CHN','Jiangyou'),(17951,'CHN','Jiaohe'),(17952,'CHN','Jiaonan'),(17953,'CHN','Jiaozhou'),(17954,'CHN','Jiaozuo'),(17955,'CHN','Jiaxing'),(17956,'CHN','JiÂ´an'),(17957,'CHN','Jieyang'),(17958,'CHN','Jilin'),(17959,'CHN','Jinan'),(17960,'CHN','Jinchang'),(17961,'CHN','Jincheng'),(17962,'CHN','Jingdezhen'),(17963,'CHN','Jinhua'),(17964,'CHN','Jining'),(17965,'CHN','Jinmen'),(17966,'CHN','Jinxi'),(17967,'CHN','Jinzhou'),(17968,'EGY','Jirja'),(17969,'CHN','Jiujiang'),(17970,'CHN','Jiutai'),(17971,'MEX','Jiutepec'),(17972,'CHN','Jixi'),(17973,'RUS','JoÂškar-Ola'),(17974,'BRA','JoÃ£o Pessoa'),(17975,'IND','Jodhpur'),(17976,'JPN','Joetsu'),(17977,'ZAF','Johannesburg'),(17978,'MYS','Johor Baharu'),(17979,'BRA','Joinville'),(17980,'JPN','Jokohama [Yokohama]'),(17981,'USA','Joliet'),(17982,'IDN','Jombang'),(17983,'NGA','Jos'),(17984,'MEX','JosÃ© Azueta'),(17985,'ARG','JosÃ© C. Paz'),(17986,'BRA','Juazeiro'),(17987,'BRA','Juazeiro do Norte'),(17988,'MEX','JuÃ¡rez'),(17989,'SDN','Juba'),(17990,'SAU','Jubayl'),(17991,'BRA','Juiz de Fora'),(17992,'PER','Juliaca'),(17993,'IND','Junagadh'),(17994,'CHN','Junan'),(17995,'BRA','JundÃ­aÃ­'),(17996,'RUS','Juzno-Sahalinsk'),(17997,'PHL','Kabankalan'),(17998,'AFG','Kabul'),(17999,'ZMB','Kabwe'),(18000,'JPN','Kadoma'),(18001,'NGA','Kaduna'),(18002,'PRK','Kaesong'),(18003,'EGY','Kafr al-Dawwar'),(18004,'EGY','Kafr al-Shaykh'),(18005,'JPN','Kagoshima'),(18006,'TUR','Kahramanmaras'),(18007,'CHN','Kaifeng'),(18008,'CHN','Kaili'),(18009,'TUN','Kairouan'),(18010,'DEU','Kaiserslautern'),(18011,'CHN','Kaiyuan'),(18012,'JPN','Kakamigahara'),(18013,'IND','Kakinada'),(18014,'JPN','Kakogawa'),(18015,'COD','Kalemie'),(18016,'RUS','Kaliningrad'),(18017,'POL','Kalisz'),(18018,'GRC','Kallithea'),(18019,'PHL','Kalookan'),(18020,'RUS','Kaluga'),(18021,'IND','Kalyan'),(18022,'JPN','Kamagaya'),(18023,'JPN','Kamakura'),(18024,'PAK','Kamalia'),(18025,'IND','Kamarhati'),(18026,'RUS','Kamensk-Uralski'),(18027,'JPN','Kameoka'),(18028,'UKR','Kamjanets-Podilskyi'),(18029,'PAK','Kamoke'),(18030,'UGA','Kampala'),(18031,'RUS','KamyÂšin'),(18032,'COD','Kananga'),(18033,'JPN','Kanazawa'),(18034,'IND','Kanchipuram'),(18035,'IND','Kanchrapara'),(18036,'LKA','Kandy'),(18037,'PRK','Kanggye'),(18038,'KOR','Kangnung'),(18039,'TWN','Kangshan'),(18040,'NGA','Kano'),(18041,'IND','Kanpur'),(18042,'IND','Kanpur Cantonment'),(18043,'USA','Kansas City'),(18044,'RUS','Kansk'),(18045,'CHN','Kanton [Guangzhou]'),(18046,'JPN','Kanuma'),(18047,'TWN','Kaohsiung'),(18048,'SEN','Kaolack'),(18049,'TUR','KarabÃ¼k'),(18050,'PAK','Karachi'),(18051,'IRN','Karaj'),(18052,'TUR','Karaman'),(18053,'IDN','Karawang'),(18054,'IRQ','Karbala'),(18055,'IND','Karimnagar'),(18056,'JPN','Kariya'),(18057,'DEU','Karlsruhe'),(18058,'IND','Karnal'),(18059,'TUR','Kars'),(18060,'UZB','Karsi'),(18061,'IRN','Kashan'),(18062,'JPN','Kashihara'),(18063,'JPN','Kashiwa'),(18064,'JPN','Kashiwazaki'),(18065,'SDN','Kassala'),(18066,'DEU','Kassel'),(18067,'JPN','Kasuga'),(18068,'JPN','Kasugai'),(18069,'JPN','Kasukabe'),(18070,'PAK','Kasur'),(18071,'IND','Kataka (Cuttack)'),(18072,'NPL','Kathmandu'),(18073,'IND','Katihar'),(18074,'POL','Katowice'),(18075,'NGA','Katsina'),(18076,'LTU','Kaunas'),(18077,'JPN','Kawachinagano'),(18078,'JPN','Kawagoe'),(18079,'JPN','Kawaguchi'),(18080,'JPN','Kawanishi'),(18081,'JPN','Kawasaki'),(18082,'TUR','Kayseri'),(18083,'RUS','Kazan'),(18084,'MAR','KÃ©nitra'),(18085,'KAZ','KÃ¶kshetau'),(18086,'DEU','KÃ¶ln'),(18087,'DNK','KÃ¸benhavn'),(18088,'UZB','KÃ¼kon'),(18089,'TUR','KÃ¼tahya'),(18090,'HUN','KecskemÃ©t'),(18091,'IDN','Kediri'),(18092,'TWN','Keelung (Chilung)'),(18093,'MYS','Kelang'),(18094,'CAN','Kelowna'),(18095,'RUS','Kemerovo'),(18096,'ZAF','Kempton Park'),(18097,'IDN','Kendari'),(18098,'USA','Kenosha'),(18099,'IRN','Kerman'),(18100,'IRN','Kermanshah'),(18101,'UKR','KertÂš'),(18102,'PAK','Khairpur'),(18103,'SAU','Khamis Mushayt'),(18104,'IND','Khammam'),(18105,'PSE','Khan Yunis'),(18106,'IND','Khandwa'),(18107,'PAK','Khanewal'),(18108,'PAK','Khanpur'),(18109,'IND','Kharagpur'),(18110,'SDN','Khartum'),(18111,'IRN','Khomeynishahr'),(18112,'THA','Khon Kaen'),(18113,'IRN','Khorramabad'),(18114,'IRN','Khorramshahr'),(18115,'MAR','Khouribga'),(18116,'IRN','Khoy'),(18117,'TJK','Khujand'),(18118,'BGD','Khulna'),(18119,'PAK','Khuzdar'),(18120,'PHL','Kidapawan'),(18121,'DEU','Kiel'),(18122,'POL','Kielce'),(18123,'RWA','Kigali'),(18124,'COD','Kikwit'),(18125,'TUR','Kilis'),(18126,'ZAF','Kimberley'),(18127,'PRK','Kimchaek'),(18128,'KOR','Kimchon'),(18129,'KOR','Kimhae'),(18130,'JPN','Kimitsu'),(18131,'KOR','Kimje'),(18132,'RUS','KineÂšma'),(18133,'JAM','Kingston'),(18134,'GBR','Kingston upon Hull'),(18135,'VCT','Kingstown'),(18136,'COD','Kinshasa'),(18137,'JPN','Kioto'),(18138,'TUR','Kirikkale'),(18139,'IRQ','Kirkuk'),(18140,'RUS','Kirov'),(18141,'RUS','Kirovo-TÂšepetsk'),(18142,'UKR','Kirovograd'),(18143,'JPN','Kiryu'),(18144,'COD','Kisangani'),(18145,'JPN','Kisarazu'),(18146,'RUS','Kiseljovsk'),(18147,'JPN','Kishiwada'),(18148,'RUS','Kislovodsk'),(18149,'SOM','Kismaayo'),(18150,'KEN','Kisumu'),(18151,'JPN','Kitakyushu'),(18152,'JPN','Kitami'),(18153,'CAN','Kitchener'),(18154,'ZMB','Kitwe'),(18155,'TUR','Kiziltepe'),(18156,'AUT','Klagenfurt'),(18157,'LTU','Klaipeda'),(18158,'IDN','Klaten'),(18159,'ZAF','Klerksdorp'),(18160,'RUS','Klin'),(18161,'USA','Knoxville'),(18162,'SVK','KoÂšice'),(18163,'JPN','Kobe'),(18164,'DEU','Koblenz'),(18165,'JPN','Kochi'),(18166,'JPN','Kodaira'),(18167,'JPN','Kofu'),(18168,'JPN','Koganei'),(18169,'PAK','Kohat'),(18170,'KOR','Koje'),(18171,'JPN','Kokubunji'),(18172,'IND','Kolhapur'),(18173,'IND','Kollam (Quilon)'),(18174,'RUS','Kolomna'),(18175,'RUS','Kolpino'),(18176,'COD','Kolwezi'),(18177,'JPN','Komaki'),(18178,'JPN','Komatsu'),(18179,'RUS','Komsomolsk-na-Amure'),(18180,'JPN','Konan'),(18181,'KOR','Kongju'),(18182,'UKR','Konotop'),(18183,'TUR','Konya'),(18184,'IND','Korba'),(18185,'CIV','Korhogo'),(18186,'JPN','Koriyama'),(18187,'CHN','Korla'),(18188,'RUS','Korolev'),(18189,'PHL','Koronadal'),(18190,'PLW','Koror'),(18191,'JPN','Koshigaya'),(18192,'UKR','Kostjantynivka'),(18193,'RUS','Kostroma'),(18194,'POL','Koszalin'),(18195,'IND','Kota'),(18196,'MYS','Kota Bharu'),(18197,'BFA','Koudougou'),(18198,'RUS','Kovrov'),(18199,'HKG','Kowloon and New Kowloon'),(18200,'KOR','Koyang'),(18201,'YUG','Kragujevac'),(18202,'POL','KrakÃ³w'),(18203,'UKR','Kramatorsk'),(18204,'RUS','Krasnodar'),(18205,'RUS','Krasnogorsk'),(18206,'RUS','Krasnojarsk'),(18207,'UKR','Krasnyi LutÂš'),(18208,'DEU','Krefeld'),(18209,'UKR','KrementÂšuk'),(18210,'IND','Krishnanagar'),(18211,'ZAF','Krugersdorp'),(18212,'UKR','Kryvyi Rig'),(18213,'MAR','Ksar el Kebir'),(18214,'MYS','Kuala Lumpur'),(18215,'MYS','Kuala Terengganu'),(18216,'MYS','Kuantan'),(18217,'MYS','Kuching'),(18218,'IDN','Kudus'),(18219,'TWN','Kueishan'),(18220,'IND','Kukatpalle'),(18221,'IND','Kulti-Barakar'),(18222,'JPN','Kumagaya'),(18223,'JPN','Kumamoto'),(18224,'GHA','Kumasi'),(18225,'IND','Kumbakonam'),(18226,'KOR','Kumi'),(18227,'NGA','Kumo'),(18228,'CHN','Kunming'),(18229,'KOR','Kunpo'),(18230,'KOR','Kunsan'),(18231,'CHN','Kunshan'),(18232,'IDN','Kupang'),(18233,'JPN','Kurashiki'),(18234,'JPN','Kure'),(18235,'RUS','Kurgan'),(18236,'KOR','Kuri'),(18237,'IND','Kurnool'),(18238,'RUS','Kursk'),(18239,'JPN','Kurume'),(18240,'JPN','Kusatsu'),(18241,'JPN','Kushiro'),(18242,'SDN','Kusti'),(18243,'GEO','Kutaisi'),(18244,'KWT','Kuwait'),(18245,'JPN','Kuwana'),(18246,'CHN','Kuytun'),(18247,'RUS','Kuznetsk'),(18248,'KOR','Kwang-yang'),(18249,'KOR','Kwangju'),(18250,'KOR','Kwangmyong'),(18251,'UKR','Kyiv'),(18252,'KOR','Kyongju'),(18253,'KOR','Kyongsan'),(18254,'RUS','Kyzyl'),(18255,'HND','La Ceiba'),(18256,'CUB','La Habana'),(18257,'ARG','La Matanza'),(18258,'BOL','La Paz'),(18259,'ARG','La Plata'),(18260,'ARG','La Rioja'),(18261,'DOM','La Romana'),(18262,'CHL','La Serena'),(18263,'ITA','La Spezia'),(18264,'ZAF','Ladysmith'),(18265,'USA','Lafayette'),(18266,'NGA','Lafia'),(18267,'BRA','Lages'),(18268,'NGA','Lagos'),(18269,'MEX','Lagos de Moreno'),(18270,'PAK','Lahore'),(18271,'FIN','Lahti'),(18272,'CHN','Laiwu'),(18273,'CHN','Laiyang'),(18274,'CHN','Laizhou'),(18275,'USA','Lakewood'),(18276,'IND','Lalbahadur Nagar'),(18277,'NPL','Lalitapur'),(18278,'PRY','LambarÃ©'),(18279,'ARG','LanÃºs'),(18280,'USA','Lancaster'),(18281,'CHN','Langfang'),(18282,'USA','Lansing'),(18283,'CHN','Lanzhou'),(18284,'PHL','Laoag'),(18285,'CHN','Laohekou'),(18286,'PHL','Lapu-Lapu'),(18287,'USA','Laredo'),(18288,'GRC','Larisa'),(18289,'PAK','Larkana'),(18290,'ARG','Las Heras'),(18291,'MEX','Las Margaritas'),(18292,'ESP','Las Palmas de Gran Canaria'),(18293,'PHL','Las PiÃ±as'),(18294,'USA','Las Vegas'),(18295,'MMR','Lashio (Lasho)'),(18296,'SYR','Latakia'),(18297,'ITA','Latina'),(18298,'IND','Latur'),(18299,'BRA','Lauro de Freitas'),(18300,'CHE','Lausanne'),(18301,'CAN','Laval'),(18302,'MEX','LÃ¡zaro CÃ¡rdenas'),(18303,'POL','LÃ³dz'),(18304,'ESP','LÂ´Hospitalet de Llobregat'),(18305,'DEU','LÃ¼beck'),(18306,'DEU','LÃ¼nen'),(18307,'FRA','Le Havre'),(18308,'FRA','Le Mans'),(18309,'HTI','Le-Cap-HaÃ¯tien'),(18310,'ESP','LeÃ³n'),(18311,'ITA','Lecce'),(18312,'GBR','Leeds'),(18313,'ESP','LeganÃ©s'),(18314,'PHL','Legazpi'),(18315,'POL','Legnica'),(18316,'GBR','Leicester'),(18317,'NLD','Leiden'),(18318,'DEU','Leipzig'),(18319,'CHN','Leiyang'),(18320,'CHN','Lengshuijiang'),(18321,'RUS','Leninsk-Kuznetski'),(18322,'MEX','Lerdo'),(18323,'MEX','Lerma'),(18324,'GLP','Les Abymes'),(18325,'CHN','Leshan'),(18326,'DEU','Leverkusen'),(18327,'USA','Lexington-Fayette'),(18328,'CHN','Lhasa'),(18329,'IDN','Lhokseumawe'),(18330,'CHN','Liangcheng'),(18331,'CHN','Lianyuan'),(18332,'CHN','Lianyungang'),(18333,'CHN','Liaocheng'),(18334,'CHN','Liaoyang'),(18335,'CHN','Liaoyuan'),(18336,'BEL','LiÃ¨ge'),(18337,'CZE','Liberec'),(18338,'GAB','Libreville'),(18339,'BLR','Lida'),(18340,'LVA','Liepaja'),(18341,'PHL','Ligao'),(18342,'COD','Likasi'),(18343,'CHN','Liling'),(18344,'FRA','Lille'),(18345,'MWI','Lilongwe'),(18346,'PER','Lima'),(18347,'CYP','Limassol'),(18348,'BRA','Limeira'),(18349,'FRA','Limoges'),(18350,'CHN','Linchuan'),(18351,'USA','Lincoln'),(18352,'CHN','Linfen'),(18353,'CHN','Linhai'),(18354,'BRA','Linhares'),(18355,'CHN','Linhe'),(18356,'SWE','LinkÃ¶ping'),(18357,'CHN','Linqing'),(18358,'CHN','Linyi'),(18359,'AUT','Linz'),(18360,'PHL','Lipa'),(18361,'RUS','Lipetsk'),(18362,'PRT','Lisboa'),(18363,'USA','Little Rock'),(18364,'CHN','LiuÂ´an'),(18365,'CHN','Liupanshui'),(18366,'CHN','Liuzhou'),(18367,'GBR','Liverpool'),(18368,'USA','Livonia'),(18369,'ITA','Livorno'),(18370,'CHN','Liyang'),(18371,'RUS','Ljubertsy'),(18372,'SVN','Ljubljana'),(18373,'ESP','Lleida (LÃ©rida)'),(18374,'AGO','Lobito'),(18375,'ESP','LogroÃ±o'),(18376,'ECU','Loja'),(18377,'ARG','Lomas de Zamora'),(18378,'TGO','LomÃ©'),(18379,'GBR','London'),(18380,'BRA','Londrina'),(18381,'USA','Long Beach'),(18382,'VNM','Long Xuyen'),(18383,'CHN','Longjing'),(18384,'CHN','Longkou'),(18385,'CAN','Longueuil'),(18386,'CHN','Longyan'),(18387,'SJM','Longyearbyen'),(18388,'CHL','Los Angeles'),(18389,'MEX','Los Cabos'),(18390,'VEN','Los Teques'),(18391,'CHN','Loudi'),(18392,'USA','Louisville'),(18393,'USA','Lowell'),(18394,'NZL','Lower Hutt'),(18395,'AGO','Luanda'),(18396,'ZMB','Luanshya'),(18397,'PHL','Lubao'),(18398,'USA','Lubbock'),(18399,'POL','Lublin'),(18400,'COD','Lubumbashi'),(18401,'PHL','Lucena'),(18402,'TWN','Luchou'),(18403,'IND','Lucknow'),(18404,'IND','Ludhiana'),(18405,'DEU','Ludwigshafen am Rhein'),(18406,'UKR','Lugansk'),(18407,'SWE','Lund'),(18408,'TWN','Lungtan'),(18409,'CHN','Luohe'),(18410,'CHN','Luoyang'),(18411,'ZMB','Lusaka'),(18412,'GBR','Luton'),(18413,'UKR','Lutsk'),(18414,'LUX','Luxembourg [Luxemburg/LÃ«tzebuerg]'),(18415,'EGY','Luxor'),(18416,'CHN','Luzhou'),(18417,'BRA','LuziÃ¢nia'),(18418,'UKR','Lviv'),(18419,'FRA','Lyon'),(18420,'UKR','LysytÂšansk'),(18421,'NLD','Maastricht'),(18422,'CHN','MaÂ´anshan'),(18423,'PHL','Mabalacat'),(18424,'BRA','MacaÃ©'),(18425,'MAC','Macao'),(18426,'BRA','MacapÃ¡'),(18427,'BRA','MaceiÃ³'),(18428,'KEN','Machakos'),(18429,'ECU','Machala'),(18430,'JPN','Machida'),(18431,'IND','Machilipatnam (Masulipatam)'),(18432,'USA','Macon'),(18433,'MEX','Macuspana'),(18434,'USA','Madison'),(18435,'IDN','Madiun'),(18436,'ESP','Madrid'),(18437,'IND','Madurai'),(18438,'JPN','Maebashi'),(18439,'RUS','Magadan'),(18440,'BRA','MagÃ©'),(18441,'DEU','Magdeburg'),(18442,'IDN','Magelang'),(18443,'RUS','Magnitogorsk'),(18444,'IRN','Mahabad'),(18445,'MDG','Mahajanga'),(18446,'RUS','MahatÂškala'),(18447,'IND','Mahbubnagar'),(18448,'COL','Maicao'),(18449,'GBR','Maidstone'),(18450,'NGA','Maiduguri'),(18451,'RUS','Maikop'),(18452,'DEU','Mainz'),(18453,'JPN','Maizuru'),(18454,'IDN','Majalaya'),(18455,'PHL','Makati'),(18456,'UKR','Makijivka'),(18457,'NGA','Makurdi'),(18458,'GNQ','Malabo'),(18459,'PHL','Malabon'),(18460,'IDN','Malang'),(18461,'PHL','Malasiqui'),(18462,'TUR','Malatya'),(18463,'PHL','Malaybalay'),(18464,'IRN','Malayer'),(18465,'MDV','Male'),(18466,'IND','Malegaon'),(18467,'PHL','Malita'),(18468,'IND','Malkajgiri'),(18469,'EGY','Mallawi'),(18470,'SWE','MalmÃ¶'),(18471,'PHL','Malolos'),(18472,'PHL','Malungon'),(18473,'ARG','Malvinas Argentinas'),(18474,'MYT','Mamoutzou'),(18475,'IDN','Manado'),(18476,'NIC','Managua'),(18477,'BRA','Manaus'),(18478,'GBR','Manchester'),(18479,'MMR','Mandalay'),(18480,'PHL','Mandaluyong'),(18481,'IND','Mandasor'),(18482,'PHL','Mandaue'),(18483,'PAK','Mandi Bahauddin'),(18484,'PAK','Mandi Burewala'),(18485,'IND','Mandya'),(18486,'IND','Mangalore'),(18487,'IND','Mango'),(18488,'PHL','Manila'),(18489,'TUR','Manisa'),(18490,'COL','Manizales'),(18491,'DEU','Mannheim'),(18492,'ECU','Manta'),(18493,'NZL','Manukau'),(18494,'CUB','Manzanillo'),(18495,'CHN','Manzhouli'),(18496,'CHN','Maoming'),(18497,'MOZ','Maputo'),(18498,'ARG','Mar del Plata'),(18499,'BRA','MarabÃ¡'),(18500,'VEN','MaracaÃ­bo'),(18501,'BRA','MaracanaÃº'),(18502,'VEN','Maracay'),(18503,'NER','Maradi'),(18504,'IRN','Maragheh'),(18505,'IRN','Marand'),(18506,'PHL','Marawi'),(18507,'BRA','MarÃ­lia'),(18508,'ESP','Marbella'),(18509,'PAK','Mardan'),(18510,'UZB','Margilon'),(18511,'SVN','Maribor'),(18512,'PHL','Marikina'),(18513,'PHL','Marilao'),(18514,'BRA','MaringÃ¡'),(18515,'UKR','Mariupol'),(18516,'CAN','Markham'),(18517,'DEU','Marl'),(18518,'CMR','Maroua'),(18519,'MAR','Marrakech'),(18520,'FRA','Marseille'),(18521,'MEX','MartÃ­nez de la Torre'),(18522,'IRN','Marv Dasht'),(18523,'TKM','Mary'),(18524,'KOR','Masan'),(18525,'NIC','Masaya'),(18526,'LSO','Maseru'),(18527,'IRN','Mashhad'),(18528,'IRN','Masjed-e-Soleyman'),(18529,'OMN','Masqat'),(18530,'WLF','Mata-Utu'),(18531,'COD','Matadi'),(18532,'MEX','Matamoros'),(18533,'CUB','Matanzas'),(18534,'IDN','Mataram'),(18535,'ESP','MatarÃ³'),(18536,'IND','Mathura'),(18537,'PHL','Mati'),(18538,'MOZ','Matola'),(18539,'JPN','Matsubara'),(18540,'JPN','Matsudo'),(18541,'JPN','Matsue'),(18542,'JPN','Matsumoto'),(18543,'JPN','Matsusaka'),(18544,'JPN','Matsuyama'),(18545,'VEN','MaturÃ­n'),(18546,'BRA','MauÃ¡'),(18547,'IND','Maunath Bhanjan'),(18548,'MOZ','Maxixe'),(18549,'PRI','MayagÃ¼ez'),(18550,'AFG','Mazar-e-Sharif'),(18551,'MEX','MazatlÃ¡n'),(18552,'ESP','MÃ¡laga'),(18553,'MEX','MÃ©rida'),(18554,'ESP','MÃ³stoles'),(18555,'DEU','MÃ¶nchengladbach'),(18556,'DEU','MÃ¼lheim an der Ruhr'),(18557,'DEU','MÃ¼nster'),(18558,'SWZ','Mbabane'),(18559,'COD','Mbandaka'),(18560,'TZA','Mbeya'),(18561,'SEN','Mbour'),(18562,'COD','Mbuji-Mayi'),(18563,'USA','McAllen'),(18564,'ZAF','Mdantsane'),(18565,'IDN','Medan'),(18566,'COL','MedellÃ­n'),(18567,'SAU','Medina'),(18568,'IND','Meerut'),(18569,'IND','Meerut Cantonment'),(18570,'CHN','Meihekou'),(18571,'MMR','Meikhtila'),(18572,'CHN','Meixian'),(18573,'SLV','Mejicanos'),(18574,'ETH','Mekele'),(18575,'SAU','Mekka'),(18576,'MAR','MeknÃ¨s'),(18577,'AUS','Melbourne'),(18578,'CHL','Melipilla'),(18579,'UKR','Melitopol'),(18580,'USA','Memphis'),(18581,'ARG','Mendoza'),(18582,'MMR','Mergui (Myeik)'),(18583,'ARG','Merlo'),(18584,'TUR','Mersin (IÃ§el)'),(18585,'KEN','Meru'),(18586,'USA','Mesa'),(18587,'USA','Mesquite'),(18588,'ITA','Messina'),(18589,'USA','Metairie'),(18590,'MEX','Metepec'),(18591,'FRA','Metz'),(18592,'MEX','Mexicali'),(18593,'PHL','Mexico'),(18594,'PHL','Meycauayan'),(18595,'RUS','MezduretÂšensk'),(18596,'USA','Miami'),(18597,'USA','Miami Beach'),(18598,'IRN','Miandoab'),(18599,'CHN','Mianyang'),(18600,'TWN','Miaoli'),(18601,'RUS','Miass'),(18602,'GBR','Middlesbrough'),(18603,'USA','Midland'),(18604,'IND','Midnapore (Medinipur)'),(18605,'PHL','Midsayap'),(18606,'ECU','Milagro'),(18607,'ITA','Milano'),(18608,'USA','Milwaukee'),(18609,'MEX','MinatitlÃ¡n'),(18610,'AZE','MingÃ¤Ã§evir'),(18611,'PAK','Mingora'),(18612,'NGA','Minna'),(18613,'USA','Minneapolis'),(18614,'JPN','Minoo'),(18615,'BLR','Minsk'),(18616,'IND','Mira Bhayandar'),(18617,'IND','Miraj'),(18618,'PAK','Mirpur Khas'),(18619,'KOR','Miryang'),(18620,'IND','Mirzapur-cum-Vindhyachal'),(18621,'JPN','Misato'),(18622,'CHN','Mishan'),(18623,'JPN','Mishima'),(18624,'HUN','Miskolc'),(18625,'LBY','Misrata'),(18626,'USA','Mission Viejo'),(18627,'CAN','Mississauga'),(18628,'EGY','Mit Ghamr'),(18629,'JPN','Mitaka'),(18630,'RUS','MitÂšurinsk'),(18631,'JPN','Mito'),(18632,'GTM','Mixco'),(18633,'JPN','Miyakonojo'),(18634,'JPN','Miyazaki'),(18635,'JPN','Mobara'),(18636,'USA','Mobile'),(18637,'MOZ','Mocuba'),(18638,'ITA','Modena'),(18639,'USA','Modesto'),(18640,'IND','Modinagar'),(18641,'DEU','Moers'),(18642,'IND','Moga'),(18643,'SOM','Mogadishu'),(18644,'BLR','Mogiljov'),(18645,'MAR','Mohammedia'),(18646,'BRA','Moji das Cruzes'),(18647,'BRA','Moji-GuaÃ§u'),(18648,'IDN','Mojokerto'),(18649,'KOR','Mokpo'),(18650,'BLR','MolodetÂšno'),(18651,'KEN','Mombasa'),(18652,'MCO','Monaco-Ville'),(18653,'MEX','Monclova'),(18654,'LBR','Monrovia'),(18655,'BEL','Mons'),(18656,'MCO','Monte-Carlo'),(18657,'COL','MonterÃ­a'),(18658,'MEX','Monterrey'),(18659,'BRA','Montes Claros'),(18660,'URY','Montevideo'),(18661,'USA','Montgomery'),(18662,'FRA','Montpellier'),(18663,'CAN','MontrÃ©al'),(18664,'FRA','Montreuil'),(18665,'MMR','Monywa'),(18666,'ITA','Monza'),(18667,'IND','Moradabad'),(18668,'LKA','Moratuwa'),(18669,'ARG','MorÃ³n'),(18670,'MEX','Morelia'),(18671,'IND','Morena'),(18672,'ARG','Moreno'),(18673,'USA','Moreno Valley'),(18674,'JPN','Moriguchi'),(18675,'JPN','Morioka'),(18676,'TZA','Morogoro'),(18677,'COM','Moroni'),(18678,'IND','Morvi'),(18679,'RUS','Moscow'),(18680,'TZA','Moshi'),(18681,'BRA','MossorÃ³'),(18682,'DZA','Mostaganem'),(18683,'IRQ','Mosul'),(18684,'MMR','Moulmein (Mawlamyine)'),(18685,'TCD','Moundou'),(18686,'ZWE','Mount Darwin'),(18687,'BLR','Mozyr'),(18688,'CHN','Mudanjiang'),(18689,'ZMB','Mufulira'),(18690,'UKR','MukatÂševe'),(18691,'FRA','Mulhouse'),(18692,'PAK','Multan'),(18693,'IND','Mumbai (Bombay)'),(18694,'KOR','Mun-gyong'),(18695,'IND','Munger (Monghyr)'),(18696,'DEU','Munich [MÃ¼nchen]'),(18697,'PHL','Muntinlupa'),(18698,'ESP','Murcia'),(18699,'PAK','Muridke'),(18700,'RUS','Murmansk'),(18701,'RUS','Murom'),(18702,'JPN','Muroran'),(18703,'IND','Murwara (Katni)'),(18704,'JPN','Musashino'),(18705,'NGA','Mushin'),(18706,'ZWE','Mutare'),(18707,'PAK','Muzaffargarh'),(18708,'IND','Muzaffarnagar'),(18709,'IND','Muzaffarpur'),(18710,'TZA','Mwanza'),(18711,'COD','Mwene-Ditu'),(18712,'VNM','My Tho'),(18713,'MMR','Myingyan'),(18714,'UKR','Mykolajiv'),(18715,'BGD','Mymensingh'),(18716,'IND','Mysore'),(18717,'RUS','MytiÂštÂši'),(18718,'MOZ','NaÃ§ala-Porto'),(18719,'RUS','Nabereznyje TÂšelny'),(18720,'PSE','Nablus'),(18721,'IND','Nadiad'),(18722,'MAR','Nador'),(18723,'PHL','Naga'),(18724,'JPN','Nagano'),(18725,'JPN','Nagaoka'),(18726,'IND','Nagaon'),(18727,'IND','Nagar Coil'),(18728,'JPN','Nagareyama'),(18729,'JPN','Nagasaki'),(18730,'JPN','Nagoya'),(18731,'IND','Nagpur'),(18732,'JPN','Naha'),(18733,'RUS','Nahodka'),(18734,'IND','Naihati'),(18735,'KEN','Nairobi'),(18736,'IRN','Najafabad'),(18737,'SAU','Najran'),(18738,'KOR','Naju'),(18739,'THA','Nakhon Pathom'),(18740,'THA','Nakhon Ratchasima'),(18741,'THA','Nakhon Sawan'),(18742,'KEN','Nakuru'),(18743,'RUS','NaltÂšik'),(18744,'VNM','Nam Dinh'),(18745,'UZB','Namangan'),(18746,'AGO','Namibe'),(18747,'PRK','Nampo'),(18748,'MOZ','Nampula'),(18749,'BEL','Namur'),(18750,'KOR','Namwon'),(18751,'KOR','Namyangju'),(18752,'CHN','Nanchang'),(18753,'CHN','Nanchong'),(18754,'FRA','Nancy'),(18755,'IND','Nanded (Nander)'),(18756,'IND','Nandyal'),(18757,'CHN','Nanking [Nanjing]'),(18758,'CHN','Nanning'),(18759,'CHN','Nanping'),(18760,'FRA','Nantes'),(18761,'CHN','Nantong'),(18762,'TWN','Nantou'),(18763,'CHN','Nanyang'),(18764,'BGD','Naogaon'),(18765,'USA','Naperville'),(18766,'ITA','Napoli'),(18767,'JPN','Nara'),(18768,'JPN','Narashino'),(18769,'BGD','Narayanganj'),(18770,'JPN','Narita'),(18771,'BGD','Narsinghdi'),(18772,'IND','Nashik (Nasik)'),(18773,'USA','Nashville-Davidson'),(18774,'BHS','Nassau'),(18775,'PHL','Nasugbu'),(18776,'BRA','Natal'),(18777,'MEX','Naucalpan de JuÃ¡rez'),(18778,'IND','Navadwip'),(18779,'UZB','Navoi'),(18780,'MEX','Navojoa'),(18781,'MEX','Navolato'),(18782,'PHL','Navotas'),(18783,'IND','Navsari'),(18784,'BGD','Nawabganj'),(18785,'PAK','Nawabshah'),(18786,'TUR','Nazilli'),(18787,'ETH','Nazret'),(18788,'FRA','NÃ®mes'),(18789,'TCD','NÂ´DjamÃ©na'),(18790,'DEU','NÃ¼rnberg'),(18791,'ZMB','Ndola'),(18792,'RUS','Neftejugansk'),(18793,'RUS','Neftekamsk'),(18794,'LKA','Negombo'),(18795,'CHN','Neijiang'),(18796,'COL','Neiva'),(18797,'IND','Nellore'),(18798,'CAN','Nepean'),(18799,'ISR','Netanya'),(18800,'ARG','NeuquÃ©n'),(18801,'DEU','Neuss'),(18802,'RUS','Nevinnomyssk'),(18803,'USA','New Bedford'),(18804,'IND','New Bombay'),(18805,'IND','New Delhi'),(18806,'USA','New Haven'),(18807,'USA','New Orleans'),(18808,'USA','New York'),(18809,'USA','Newark'),(18810,'AUS','Newcastle'),(18811,'GBR','Newcastle upon Tyne'),(18812,'GBR','Newport'),(18813,'USA','Newport News'),(18814,'JPN','Neyagawa'),(18815,'IRN','Neyshabur'),(18816,'IND','Neyveli'),(18817,'MEX','NezahualcÃ³yotl'),(18818,'VNM','Nha Trang'),(18819,'NER','Niamey'),(18820,'YUG','NiÂš'),(18821,'FRA','Nice'),(18822,'MEX','NicolÃ¡s Romero'),(18823,'CYP','Nicosia'),(18824,'ZAF','Nigel'),(18825,'JPN','Niigata'),(18826,'JPN','Niihama'),(18827,'JPN','Niiza'),(18828,'NLD','Nijmegen'),(18829,'UKR','Nikopol'),(18830,'BRA','NilÃ³polis'),(18831,'CHN','Ningbo'),(18832,'JPN','Nishinomiya'),(18833,'JPN','Nishio'),(18834,'BRA','NiterÃ³i'),(18835,'IND','Nizamabad'),(18836,'RUS','Niznekamsk'),(18837,'RUS','Niznevartovsk'),(18838,'RUS','Nizni Novgorod'),(18839,'RUS','Nizni Tagil'),(18840,'CMR','Nkongsamba'),(18841,'JPN','Nobeoka'),(18842,'JPN','Noda'),(18843,'MEX','Nogales'),(18844,'RUS','Noginsk'),(18845,'IND','Noida'),(18846,'RUS','Nojabrsk'),(18847,'KOR','Nonsan'),(18848,'THA','Nonthaburi'),(18849,'USA','Norfolk'),(18850,'RUS','Norilsk'),(18851,'USA','Norman'),(18852,'SWE','NorrkÃ¶ping'),(18853,'IND','North Barrackpur'),(18854,'IND','North Dum Dum'),(18855,'USA','North Las Vegas'),(18856,'NZL','North Shore'),(18857,'CAN','North York'),(18858,'GBR','Northampton'),(18859,'USA','Norwalk'),(18860,'GBR','Norwich'),(18861,'BRA','Nossa Senhora do Socorro'),(18862,'GBR','Nottingham'),(18863,'MRT','Nouakchott'),(18864,'MRT','NouÃ¢dhibou'),(18865,'NCL','NoumÃ©a'),(18866,'BRA','Nova Friburgo'),(18867,'BRA','Nova IguaÃ§u'),(18868,'ITA','Novara'),(18869,'YUG','Novi Sad'),(18870,'BRA','Novo Hamburgo'),(18871,'RUS','NovoÂšahtinsk'),(18872,'RUS','NovokuibyÂševsk'),(18873,'RUS','Novokuznetsk'),(18874,'RUS','Novomoskovsk'),(18875,'BLR','Novopolotsk'),(18876,'RUS','Novorossijsk'),(18877,'RUS','Novosibirsk'),(18878,'RUS','NovotÂšeboksarsk'),(18879,'RUS','NovotÂšerkassk'),(18880,'RUS','Novotroitsk'),(18881,'RUS','Novouralsk'),(18882,'RUS','Novyi Urengoi'),(18883,'PAK','Nowshera'),(18884,'SLV','Nueva San Salvador'),(18885,'MEX','Nuevo Laredo'),(18886,'TON','NukuÂ´alofa'),(18887,'UZB','Nukus'),(18888,'JPN','Numazu'),(18889,'GRL','Nuuk'),(18890,'SDN','Nyala'),(18891,'KEN','Nyeri'),(18892,'HUN','NyiregyhÃ¡za'),(18893,'USA','Oakland'),(18894,'CAN','Oakville'),(18895,'MEX','Oaxaca de JuÃ¡rez'),(18896,'SDN','Obeid'),(18897,'DEU','Oberhausen'),(18898,'ZAF','Oberholzer'),(18899,'JPN','Obihiro'),(18900,'RUS','Obninsk'),(18901,'USA','Oceanside'),(18902,'MEX','Ocosingo'),(18903,'VEN','Ocumare del Tuy'),(18904,'JPN','Odawara'),(18905,'DNK','Odense'),(18906,'UKR','Odesa'),(18907,'USA','Odessa'),(18908,'RUS','Odintsovo'),(18909,'NGA','Offa'),(18910,'DEU','Offenbach am Main'),(18911,'JPN','Ogaki'),(18912,'NGA','Ogbomosho'),(18913,'JPN','Oita'),(18914,'NGA','Oka-Akoko'),(18915,'PAK','Okara'),(18916,'JPN','Okayama'),(18917,'JPN','Okazaki'),(18918,'JPN','Okinawa'),(18919,'USA','Oklahoma City'),(18920,'RUS','Oktjabrski'),(18921,'GBR','Oldbury/Smethwick (Warley)'),(18922,'DEU','Oldenburg'),(18923,'GBR','Oldham'),(18924,'UKR','Oleksandrija'),(18925,'BRA','Olinda'),(18926,'UZB','Olmalik'),(18927,'CZE','Olomouc'),(18928,'PHL','Olongapo'),(18929,'POL','Olsztyn'),(18930,'USA','Omaha'),(18931,'SDN','Omdurman'),(18932,'JPN','Ome'),(18933,'JPN','Omiya'),(18934,'RUS','Omsk'),(18935,'JPN','Omuta'),(18936,'NGA','Ondo'),(18937,'IND','Ongole'),(18938,'NGA','Onitsha'),(18939,'JPN','Onomichi'),(18940,'USA','Ontario'),(18941,'POL','Opole'),(18942,'ROM','Oradea'),(18943,'IND','Orai'),(18944,'KAZ','Oral'),(18945,'DZA','Oran'),(18946,'USA','Orange'),(18947,'ABW','Oranjestad'),(18948,'BLR','OrÂša'),(18949,'TUR','Ordu'),(18950,'RUS','Orehovo-Zujevo'),(18951,'RUS','Orenburg'),(18952,'MEX','Orizaba'),(18953,'RUS','Orjol'),(18954,'USA','Orlando'),(18955,'FRA','OrlÃ©ans'),(18956,'PHL','Ormoc'),(18957,'RUS','Orsk'),(18958,'BOL','Oruro'),(18959,'JPN','Osaka'),(18960,'BRA','Osasco'),(18961,'KGZ','Osh'),(18962,'CAN','Oshawa'),(18963,'NGA','Oshogbo'),(18964,'HRV','Osijek'),(18965,'NOR','Oslo'),(18966,'TUR','Osmaniye'),(18967,'DEU','OsnabrÃ¼ck'),(18968,'CHL','Osorno'),(18969,'CZE','Ostrava'),(18970,'JPN','Ota'),(18971,'JPN','Otaru'),(18972,'MEX','OthÃ³n P. Blanco (Chetumal)'),(18973,'JPN','Otsu'),(18974,'CAN','Ottawa'),(18975,'BFA','Ouagadougou'),(18976,'MAR','Oujda'),(18977,'FIN','Oulu'),(18978,'ESP','Ourense (Orense)'),(18979,'BRA','Ourinhos'),(18980,'CHL','Ovalle'),(18981,'USA','Overland Park'),(18982,'ESP','Oviedo'),(18983,'NGA','Owo'),(18984,'GBR','Oxford'),(18985,'USA','Oxnard'),(18986,'JPN','Oyama'),(18987,'NGA','Oyo'),(18988,'PHL','Ozamis'),(18989,'ZAF','Paarl'),(18990,'BGD','Pabna'),(18991,'MEX','Pachuca de Soto'),(18992,'IDN','Padang'),(18993,'IDN','Padang Sidempuan'),(18994,'DEU','Paderborn'),(18995,'ITA','Padova'),(18996,'PHL','Pagadian'),(18997,'MMR','Pagakku (Pakokku)'),(18998,'KOR','Paju'),(18999,'THA','Pak Kret'),(19000,'PAK','Pak Pattan'),(19001,'IDN','Palangka Raya'),(19002,'IND','Palayankottai'),(19003,'IDN','Palembang'),(19004,'ITA','Palermo'),(19005,'IND','Palghat (Palakkad)'),(19006,'BRA','PalhoÃ§a'),(19007,'IND','Pali'),(19008,'FSM','Palikir'),(19009,'IND','Pallavaram'),(19010,'ESP','Palma de Mallorca'),(19011,'BRA','Palmas'),(19012,'USA','Palmdale'),(19013,'COL','Palmira'),(19014,'IDN','Palu'),(19015,'ESP','Pamplona [IruÃ±a]'),(19016,'PHL','Panabo'),(19017,'TWN','Panchiao'),(19018,'LTU','Panevezys'),(19019,'IDN','Pangkal Pinang'),(19020,'IND','Panihati'),(19021,'IND','Panipat'),(19022,'CHN','Panjin'),(19023,'CHN','Panzhihua'),(19024,'MEX','Papantla'),(19025,'PYF','Papeete'),(19026,'PHL','ParaÃ±aque'),(19027,'USA','Paradise'),(19028,'BEN','Parakou'),(19029,'SUR','Paramaribo'),(19030,'BRA','ParanaguÃ¡'),(19031,'ARG','ParanÃ¡'),(19032,'IND','Parbhani'),(19033,'CZE','Pardubice'),(19034,'FRA','Paris'),(19035,'ITA','Parma'),(19036,'BRA','ParnaÃ­ba'),(19037,'BRA','Parnamirim'),(19038,'USA','Pasadena'),(19039,'PHL','Pasay'),(19040,'PHL','Pasig'),(19041,'BRA','Passo Fundo'),(19042,'BRA','Passos'),(19043,'COL','Pasto'),(19044,'IDN','Pasuruan'),(19045,'IND','Patan'),(19046,'TWN','Pate'),(19047,'USA','Paterson'),(19048,'IND','Pathankot'),(19049,'IND','Patiala'),(19050,'IND','Patna'),(19051,'BRA','Patos'),(19052,'BRA','Patos de Minas'),(19053,'GRC','Patras'),(19054,'BRA','Paulista'),(19055,'BRA','Paulo Afonso'),(19056,'KAZ','Pavlodar'),(19057,'UKR','Pavlograd'),(19058,'MEX','PÃ¡nuco'),(19059,'HUN','PÃ©cs'),(19060,'MEX','PÃ©njamo'),(19061,'MMR','Pegu (Bago)'),(19062,'IDN','Pekalongan'),(19063,'IDN','Pekan Baru'),(19064,'CHN','Peking'),(19065,'BRA','Pelotas'),(19066,'IDN','Pemalang'),(19067,'IDN','Pematang Siantar'),(19068,'USA','Pembroke Pines'),(19069,'RUS','Penza'),(19070,'USA','Peoria'),(19071,'IDN','Percut Sei Tuan'),(19072,'COL','Pereira'),(19073,'GRC','Peristerion'),(19074,'RUS','Perm'),(19075,'FRA','Perpignan'),(19076,'AUS','Perth'),(19077,'ITA','Perugia'),(19078,'RUS','Pervouralsk'),(19079,'ITA','Pesaro'),(19080,'ITA','Pescara'),(19081,'PAK','Peshawar'),(19082,'ISR','Petah Tiqwa'),(19083,'MYS','Petaling Jaya'),(19084,'VEN','Petare'),(19085,'GBR','Peterborough'),(19086,'BRA','PetrÃ³polis'),(19087,'BRA','Petrolina'),(19088,'KAZ','Petropavl'),(19089,'RUS','Petropavlovsk-KamtÂšatski'),(19090,'RUS','Petroskoi'),(19091,'DEU','Pforzheim'),(19092,'VNM','Phan ThiÃªt'),(19093,'USA','Philadelphia'),(19094,'KHM','Phnom Penh'),(19095,'USA','Phoenix'),(19096,'PRK','Phyongsong'),(19097,'ITA','Piacenza'),(19098,'ROM','Piatra Neamt'),(19099,'MEX','Piedras Negras'),(19100,'ZAF','Pietermaritzburg'),(19101,'RUS','Pihkova'),(19102,'SEN','Pikine'),(19103,'ARG','Pilar'),(19104,'IND','Pilibhit'),(19105,'IND','Pimpri-Chinchwad'),(19106,'MYS','Pinang'),(19107,'CUB','Pinar del RÃ­o'),(19108,'BRA','Pindamonhangaba'),(19109,'ZAF','Pinetown'),(19110,'TWN','Pingchen'),(19111,'CHN','Pingdingshan'),(19112,'CHN','Pingdu'),(19113,'CHN','Pingliang'),(19114,'TWN','Pingtung'),(19115,'CHN','Pingxiang'),(19116,'CHN','Pingyi'),(19117,'BRA','Pinhais'),(19118,'BLR','Pinsk'),(19119,'BRA','Piracicaba'),(19120,'GRC','Pireus'),(19121,'ITA','Pisa'),(19122,'ROM','Pitesti'),(19123,'USA','Pittsburgh'),(19124,'PER','Piura'),(19125,'RUS','Pjatigorsk'),(19126,'USA','Plano'),(19127,'BGR','Pleven'),(19128,'POL','Plock'),(19129,'ROM','Ploiesti'),(19130,'BGR','Plovdiv'),(19131,'GBR','Plymouth'),(19132,'CZE','Plzen'),(19133,'BRA','PoÃ¡'),(19134,'BRA','PoÃ§os de Caldas'),(19135,'YUG','Podgorica'),(19136,'RUS','Podolsk'),(19137,'KOR','Pohang'),(19138,'COG','Pointe-Noire'),(19139,'NPL','Pokhara'),(19140,'PHL','Polomolok'),(19141,'USA','Pomona'),(19142,'PRI','Ponce'),(19143,'IND','Pondicherry'),(19144,'IDN','Pondok Aren'),(19145,'IDN','Pondokgede'),(19146,'BRA','Ponta Grossa'),(19147,'IDN','Pontianak'),(19148,'GBR','Poole'),(19149,'COL','PopayÃ¡n'),(19150,'IND','Porbandar'),(19151,'ZAF','Port Elizabeth'),(19152,'NGA','Port Harcourt'),(19153,'PNG','Port Moresby'),(19154,'EGY','Port Said'),(19155,'SDN','Port Sudan'),(19156,'HTI','Port-au-Prince'),(19157,'MUS','Port-Louis'),(19158,'TTO','Port-of-Spain'),(19159,'VUT','Port-Vila'),(19160,'USA','Portland'),(19161,'JAM','Portmore'),(19162,'PRT','Porto'),(19163,'BRA','Porto Alegre'),(19164,'BRA','Porto Velho'),(19165,'BEN','Porto-Novo'),(19166,'ECU','Portoviejo'),(19167,'GBR','Portsmouth'),(19168,'KOR','Poryong'),(19169,'ARG','Posadas'),(19170,'ZAF','Potchefstroom'),(19171,'BOL','PotosÃ­'),(19172,'DEU','Potsdam'),(19173,'BRA','Pouso Alegre'),(19174,'MEX','Poza Rica de Hidalgo'),(19175,'POL','Poznan'),(19176,'VEN','Pozuelos'),(19177,'CZE','Praha'),(19178,'CPV','Praia'),(19179,'BRA','Praia Grande'),(19180,'ITA','Prato'),(19181,'SVK','PreÂšov'),(19182,'BRA','Presidente Prudente'),(19183,'GBR','Preston'),(19184,'ZAF','Pretoria'),(19185,'YUG','PriÂština'),(19186,'YUG','Prizren'),(19187,'IDN','Probolinggo'),(19188,'IND','Proddatur'),(19189,'RUS','Prokopjevsk'),(19190,'MMR','Prome (Pyay)'),(19191,'USA','Providence'),(19192,'USA','Provo'),(19193,'RUS','PuÂškin'),(19194,'PER','Pucallpa'),(19195,'KOR','Puchon'),(19196,'IND','Pudukkottai'),(19197,'MEX','Puebla'),(19198,'USA','Pueblo'),(19199,'CHL','Puente Alto'),(19200,'VEN','Puerto Cabello'),(19201,'VEN','Puerto La Cruz'),(19202,'CHL','Puerto Montt'),(19203,'PHL','Puerto Princesa'),(19204,'MEX','Puerto Vallarta'),(19205,'UKR','Pultava [Poltava]'),(19206,'IND','Pune'),(19207,'PER','Puno'),(19208,'CHL','Punta Arenas'),(19209,'VEN','Punto Fijo'),(19210,'CHN','Puqi'),(19211,'IND','Puri'),(19212,'IND','Purnea (Purnia)'),(19213,'IND','Purulia'),(19214,'IDN','Purwakarta'),(19215,'IDN','Purwokerto'),(19216,'KOR','Pusan'),(19217,'CHN','Putian'),(19218,'CHN','Puyang'),(19219,'KOR','Pyongtaek'),(19220,'PRK','Pyongyang'),(19221,'IRN','Qaemshahr'),(19222,'EGY','Qalyub'),(19223,'AFG','Qandahar'),(19224,'KAZ','Qaraghandy'),(19225,'CHN','Qaramay'),(19226,'IRN','Qarchak'),(19227,'CHN','Qashqar'),(19228,'IRN','Qazvin'),(19229,'CHN','Qianjiang'),(19230,'CHN','Qidong'),(19231,'EGY','Qina'),(19232,'CHN','Qingdao'),(19233,'CHN','Qingyuan'),(19234,'CHN','Qingzhou'),(19235,'CHN','Qinhuangdao'),(19236,'CHN','Qinzhou'),(19237,'CHN','Qiqihar'),(19238,'CHN','Qitaihe'),(19239,'IRN','Qods'),(19240,'IRN','Qom'),(19241,'IRN','Qomsheh'),(19242,'KAZ','Qostanay'),(19243,'CHN','Quanzhou'),(19244,'CAN','QuÃ©bec'),(19245,'BRA','Queimados'),(19246,'MOZ','Quelimane'),(19247,'MEX','QuerÃ©taro'),(19248,'PAK','Quetta'),(19249,'GTM','Quetzaltenango'),(19250,'ECU','Quevedo'),(19251,'PHL','Quezon'),(19252,'ARG','Quilmes'),(19253,'CHL','QuilpuÃ©'),(19254,'ECU','Quito'),(19255,'CHN','Qujing'),(19256,'IND','Qutubullapur'),(19257,'VNM','Quy Nhon'),(19258,'CHN','Quzhou'),(19259,'KAZ','Qyzylorda'),(19260,'MAR','Rabat'),(19261,'VNM','Rach Gia'),(19262,'POL','Radom'),(19263,'IND','Rae Bareli'),(19264,'PSE','Rafah'),(19265,'IRN','Rafsanjan'),(19266,'PAK','Rahim Yar Khan'),(19267,'IND','Raichur'),(19268,'IND','Raiganj'),(19269,'IND','Raigarh'),(19270,'IND','Raipur'),(19271,'IND','Raj Nandgaon'),(19272,'IND','Rajahmundry'),(19273,'IND','Rajapalaiyam'),(19274,'IND','Rajkot'),(19275,'BGD','Rajshahi'),(19276,'USA','Raleigh'),(19277,'IND','Ramagundam'),(19278,'ISR','Ramat Gan'),(19279,'IND','Rampur'),(19280,'CHL','Rancagua'),(19281,'IND','Ranchi'),(19282,'USA','Rancho Cucamonga'),(19283,'ZAF','Randburg'),(19284,'ZAF','Randfontein'),(19285,'MMR','Rangoon (Yangon)'),(19286,'BGD','Rangpur'),(19287,'IRN','Rasht'),(19288,'DEU','Ratingen'),(19289,'IND','Ratlam'),(19290,'IND','Raurkela'),(19291,'IND','Raurkela Civil Township'),(19292,'ITA','Ravenna'),(19293,'PAK','Rawalpindi'),(19294,'ROM','RÃ¢mnicu VÃ¢lcea'),(19295,'MEX','RÃ­o Bravo'),(19296,'ARG','RÃ­o Cuarto'),(19297,'ECU','RÃ­obamba'),(19298,'GBR','Reading'),(19299,'BRA','Recife'),(19300,'DEU','Recklinghausen'),(19301,'DEU','Regensburg'),(19302,'ITA','Reggio di Calabria'),(19303,'ITA','Reggio nellÂ´ Emilia'),(19304,'CAN','Regina'),(19305,'ISR','Rehovot'),(19306,'FRA','Reims'),(19307,'DEU','Remscheid'),(19308,'FRA','Rennes'),(19309,'USA','Reno'),(19310,'CHN','Renqiu'),(19311,'BRA','Resende'),(19312,'ARG','Resistencia'),(19313,'ROM','Resita'),(19314,'DEU','Reutlingen'),(19315,'IND','Rewa'),(19316,'ISL','ReykjavÃ­k'),(19317,'MEX','Reynosa'),(19318,'BRA','RibeirÃ£o das Neves'),(19319,'BRA','RibeirÃ£o Pires'),(19320,'BRA','RibeirÃ£o Preto'),(19321,'CAN','Richmond'),(19322,'CAN','Richmond Hill'),(19323,'LVA','Riga'),(19324,'HRV','Rijeka'),(19325,'ITA','Rimini'),(19326,'BRA','Rio Branco'),(19327,'BRA','Rio Claro'),(19328,'BRA','Rio de Janeiro'),(19329,'BRA','Rio Grande'),(19330,'BRA','Rio Verde'),(19331,'ISR','Rishon Le Ziyyon'),(19332,'IND','Rishra'),(19333,'USA','Riverside'),(19334,'UKR','Rivne'),(19335,'SAU','Riyadh'),(19336,'CHN','Rizhao'),(19337,'RUS','Rjazan'),(19338,'VGB','Road Town'),(19339,'USA','Roanoke'),(19340,'GBR','Rochdale'),(19341,'USA','Rochester'),(19342,'USA','Rockford'),(19343,'PHL','Rodriguez (Montalban)'),(19344,'IND','Rohtak'),(19345,'ITA','Roma'),(19346,'BRA','RondonÃ³polis'),(19347,'ZAF','Roodepoort'),(19348,'ARG','Rosario'),(19349,'DMA','Roseau'),(19350,'DEU','Rostock'),(19351,'RUS','Rostov-na-Donu'),(19352,'GBR','Rotherham'),(19353,'NLD','Rotterdam'),(19354,'FRA','Roubaix'),(19355,'FRA','Rouen'),(19356,'PHL','Roxas'),(19357,'RUS','Rubtsovsk'),(19358,'POL','Ruda Slaska'),(19359,'KAZ','Rudnyy'),(19360,'SEN','Rufisque'),(19361,'CHN','RuiÂ´an'),(19362,'BGR','Ruse'),(19363,'GEO','Rustavi'),(19364,'ZAF','Rustenburg'),(19365,'RUS','Rybinsk'),(19366,'POL','Rybnik'),(19367,'POL','RzeszÃ³w'),(19368,'CAN','Saanich'),(19369,'DEU','SaarbrÃ¼cken'),(19370,'ESP','Sabadell'),(19371,'BRA','SabarÃ¡'),(19372,'IRN','Sabzevar'),(19373,'KOR','Sachon'),(19374,'USA','Sacramento'),(19375,'PAK','Sadiqabad'),(19376,'MAR','Safi'),(19377,'JPN','Saga'),(19378,'JPN','Sagamihara'),(19379,'IND','Sagar'),(19380,'PHL','Sagay'),(19381,'IND','Saharanpur'),(19382,'PAK','Sahiwal'),(19383,'BGD','Saidpur'),(19384,'CAN','Saint Catharines'),(19385,'BMU','Saint George'),(19386,'GRD','Saint GeorgeÂ´s'),(19387,'GBR','Saint Helens'),(19388,'GBR','Saint Helier'),(19389,'ATG','Saint JohnÂ´s'),(19390,'USA','Saint Louis'),(19391,'USA','Saint Paul'),(19392,'USA','Saint Petersburg'),(19393,'REU','Saint-Denis'),(19394,'SEN','Saint-Louis'),(19395,'SPM','Saint-Pierre'),(19396,'JPN','Sakado'),(19397,'JPN','Sakai'),(19398,'TUR','Sakarya (Adapazari)'),(19399,'JPN','Sakata'),(19400,'JPN','Sakura'),(19401,'OMN','Salala'),(19402,'ESP','Salamanca'),(19403,'IDN','Salatiga'),(19404,'RUS','Salavat'),(19405,'MAR','SalÃ©'),(19406,'IND','Salem'),(19407,'ITA','Salerno'),(19408,'USA','Salinas'),(19409,'USA','Salt Lake City'),(19410,'ARG','Salta'),(19411,'MEX','Saltillo'),(19412,'BRA','Salto'),(19413,'BRA','Salvador'),(19414,'MEX','Salvatierra'),(19415,'AUT','Salzburg'),(19416,'DEU','Salzgitter'),(19417,'RUS','Samara'),(19418,'IDN','Samarinda'),(19419,'UZB','Samarkand'),(19420,'IND','Sambalpur'),(19421,'IND','Sambhal'),(19422,'TUR','Samsun'),(19423,'MEX','San AndrÃ©s Tuxtla'),(19424,'USA','San Antonio'),(19425,'USA','San Bernardino'),(19426,'CHL','San Bernardo'),(19427,'USA','San Buenaventura'),(19428,'PHL','San Carlos'),(19429,'VEN','San CristÃ³bal'),(19430,'MEX','San CristÃ³bal de las Casas'),(19431,'USA','San Diego'),(19432,'MEX','San Felipe'),(19433,'DOM','San Felipe de Puerto Plata'),(19434,'MEX','San Felipe del Progreso'),(19435,'ARG','San Fernando'),(19436,'VEN','San Fernando de Apure'),(19437,'ARG','San Fernando del Valle de Cata'),(19438,'USA','San Francisco'),(19439,'DOM','San Francisco de MacorÃ­s'),(19440,'MEX','San Francisco del RincÃ³n'),(19441,'ARG','San Isidro'),(19442,'CRI','San JosÃ©'),(19443,'PHL','San JosÃ© del Monte'),(19444,'PHL','San Jose'),(19445,'ARG','San Juan'),(19446,'MEX','San Juan Bautista Tuxtepec'),(19447,'PHL','San Juan del Monte'),(19448,'MEX','San Juan del RÃ­o'),(19449,'PRY','San Lorenzo'),(19450,'ARG','San Luis'),(19451,'MEX','San Luis de la Paz'),(19452,'MEX','San Luis PotosÃ­'),(19453,'MEX','San Luis RÃ­o Colorado'),(19454,'SMR','San Marino'),(19455,'MEX','San MartÃ­n Texmelucan'),(19456,'PHL','San Mateo'),(19457,'ARG','San Miguel'),(19458,'ARG','San Miguel de TucumÃ¡n'),(19459,'PAN','San Miguelito'),(19460,'ARG','San NicolÃ¡s de los Arroyos'),(19461,'MEX','San NicolÃ¡s de los Garza'),(19462,'PHL','San Pablo'),(19463,'PHL','San Pedro'),(19464,'MEX','San Pedro Cholula'),(19465,'CHL','San Pedro de la Paz'),(19466,'DOM','San Pedro de MacorÃ­s'),(19467,'MEX','San Pedro Garza GarcÃ­a'),(19468,'HND','San Pedro Sula'),(19469,'ARG','San Rafael'),(19470,'SLV','San Salvador'),(19471,'ARG','San Salvador de Jujuy'),(19472,'YEM','Sanaa'),(19473,'IRN','Sanandaj'),(19474,'TWN','Sanchung'),(19475,'CUB','Sancti-SpÃ­ritus'),(19476,'JPN','Sanda'),(19477,'MYS','Sandakan'),(19478,'USA','Sandy'),(19479,'KOR','Sangju'),(19480,'IND','Sangli'),(19481,'TUR','Sanliurfa'),(19482,'CHN','Sanmenxia'),(19483,'CHN','Sanming'),(19484,'SLV','Santa Ana'),(19485,'VEN','Santa Ana de Coro'),(19486,'BRA','Santa BÃ¡rbara dÂ´Oeste'),(19487,'MEX','Santa Catarina'),(19488,'CUB','Santa Clara'),(19489,'USA','Santa Clarita'),(19490,'ESP','Santa Coloma de Gramenet'),(19491,'PHL','Santa Cruz'),(19492,'BOL','Santa Cruz de la Sierra'),(19493,'ESP','Santa Cruz de Tenerife'),(19494,'BRA','Santa Cruz do Sul'),(19495,'ARG','Santa FÃ©'),(19496,'BRA','Santa Luzia'),(19497,'BRA','Santa Maria'),(19498,'COL','Santa Marta'),(19499,'USA','Santa Monica'),(19500,'BRA','Santa Rita'),(19501,'PHL','Santa Rosa'),(19502,'COL','SantafÃ© de BogotÃ¡'),(19503,'BRA','Santana do Livramento'),(19504,'ESP','Santander'),(19505,'BRA','SantarÃ©m'),(19506,'PHL','Santiago'),(19507,'CHL','Santiago de Chile'),(19508,'ESP','Santiago de Compostela'),(19509,'CUB','Santiago de Cuba'),(19510,'DOM','Santiago de los Caballeros'),(19511,'ARG','Santiago del Estero'),(19512,'MEX','Santiago Ixcuintla'),(19513,'IND','Santipur'),(19514,'BRA','Santo AndrÃ©'),(19515,'DOM','Santo Domingo de GuzmÃ¡n'),(19516,'ECU','Santo Domingo de los Colorados'),(19517,'BRA','Santos'),(19518,'CHN','Sanya'),(19519,'NGA','Sapele'),(19520,'JPN','Sapporo'),(19521,'BRA','Sapucaia do Sul'),(19522,'IRN','Saqqez'),(19523,'BIH','Sarajevo'),(19524,'RUS','Saransk'),(19525,'RUS','Sarapul'),(19526,'RUS','Saratov'),(19527,'PAK','Sargodha'),(19528,'IRN','Sari'),(19529,'PHL','Sariaya'),(19530,'PRK','Sariwon'),(19531,'IND','Sasaram'),(19532,'JPN','Sasebo'),(19533,'CAN','Saskatoon'),(19534,'ITA','Sassari'),(19535,'IND','Satara'),(19536,'IND','Satna'),(19537,'ROM','Satu Mare'),(19538,'USA','Savannah'),(19539,'LAO','Savannakhet'),(19540,'IRN','Saveh'),(19541,'IDN','Sawangan'),(19542,'EGY','Sawhaj'),(19543,'JPN','Sayama'),(19544,'BRA','SÃ£o Bernardo do Campo'),(19545,'BRA','SÃ£o Caetano do Sul'),(19546,'BRA','SÃ£o Carlos'),(19547,'BRA','SÃ£o GonÃ§alo'),(19548,'BRA','SÃ£o JoÃ£o de Meriti'),(19549,'BRA','SÃ£o JosÃ©'),(19550,'BRA','SÃ£o JosÃ© de Ribamar'),(19551,'BRA','SÃ£o JosÃ© do Rio Preto'),(19552,'BRA','SÃ£o JosÃ© dos Campos'),(19553,'BRA','SÃ£o JosÃ© dos Pinhais'),(19554,'BRA','SÃ£o Leopoldo'),(19555,'BRA','SÃ£o LourenÃ§o da Mata'),(19556,'BRA','SÃ£o LuÃ­s'),(19557,'BRA','SÃ£o Paulo'),(19558,'STP','SÃ£o TomÃ©'),(19559,'BRA','SÃ£o Vicente'),(19560,'DZA','SÃ©tif'),(19561,'CAN','Scarborough'),(19562,'LIE','Schaan'),(19563,'BEL','Schaerbeek'),(19564,'DEU','Schwerin'),(19565,'USA','Scottsdale'),(19566,'USA','Seattle'),(19567,'IND','Secunderabad'),(19568,'GHA','Sekondi-Takoradi'),(19569,'MYS','Selayang Baru'),(19570,'IDN','Semarang'),(19571,'KAZ','Semey'),(19572,'IRN','Semnan'),(19573,'JPN','Sendai'),(19574,'KOR','Seoul'),(19575,'IND','Serampore'),(19576,'IDN','Serang'),(19577,'GMB','Serekunda'),(19578,'MYS','Seremban'),(19579,'RUS','Sergijev Posad'),(19580,'RUS','Serov'),(19581,'RUS','Serpuhov'),(19582,'BRA','Serra'),(19583,'SMR','Serravalle'),(19584,'BRA','SertÃ£ozinho'),(19585,'BRA','Sete Lagoas'),(19586,'JPN','Seto'),(19587,'MAR','Settat'),(19588,'UKR','Sevastopol'),(19589,'RUS','Severodvinsk'),(19590,'RUS','Seversk'),(19591,'ESP','Sevilla'),(19592,'TUN','Sfax'),(19593,'NGA','Shagamu'),(19594,'MYS','Shah Alam'),(19595,'IND','Shahjahanpur'),(19596,'IRN','Shahr-e Kord'),(19597,'IRN','Shahrud'),(19598,'NGA','Shaki'),(19599,'IND','Shambajinagar (Aurangabad)'),(19600,'CHN','Shanghai'),(19601,'CHN','Shangqiu'),(19602,'CHN','Shangrao'),(19603,'CHN','Shangzi'),(19604,'CHN','Shantou'),(19605,'CHN','Shanwei'),(19606,'CHN','Shaoguan'),(19607,'CHN','Shaowu'),(19608,'CHN','Shaoxing'),(19609,'CHN','Shaoyang'),(19610,'ARE','Sharja'),(19611,'SDN','Sharq al-Nil'),(19612,'CHN','Shashi'),(19613,'GBR','Sheffield'),(19614,'PAK','Sheikhupura'),(19615,'CHN','Shenyang'),(19616,'CHN','Shenzhen'),(19617,'EGY','Shibin al-Kawm'),(19618,'CHN','Shihezi'),(19619,'KOR','Shihung'),(19620,'CHN','Shijiazhuang'),(19621,'PAK','Shikarpur'),(19622,'IND','Shillong'),(19623,'JPN','Shimizu'),(19624,'IND','Shimoga'),(19625,'JPN','Shimonoseki'),(19626,'IRN','Shiraz'),(19627,'CHN','Shishou'),(19628,'IND','Shivapuri'),(19629,'CHN','Shiyan'),(19630,'CHN','Shizuishan'),(19631,'JPN','Shizuoka'),(19632,'NGA','Shomolu'),(19633,'USA','Shreveport'),(19634,'CHN','Shuangcheng'),(19635,'CHN','Shuangyashan'),(19636,'EGY','Shubra al-Khayma'),(19637,'TWN','Shulin'),(19638,'KAZ','Shymkent'),(19639,'PAK','Sialkot'),(19640,'ROM','Sibiu'),(19641,'MYS','Sibu'),(19642,'DZA','Sidi Bel AbbÃ¨s'),(19643,'DEU','Siegen'),(19644,'KHM','Siem Reap'),(19645,'TUR','Siirt'),(19646,'IND','Sikar'),(19647,'PHL','Silang'),(19648,'MEX','Silao'),(19649,'PHL','Silay'),(19650,'IND','Silchar'),(19651,'IND','Siliguri (Shiliguri)'),(19652,'UKR','Simferopol'),(19653,'USA','Simi Valley'),(19654,'COL','Sincelejo'),(19655,'SGP','Singapore'),(19656,'PRK','Sinuiju'),(19657,'USA','Sioux Falls'),(19658,'CHN','Siping'),(19659,'BGD','Sirajganj'),(19660,'IRN','Sirjan'),(19661,'IND','Sirsa'),(19662,'IND','Sitapur'),(19663,'MMR','Sittwe (Akyab)'),(19664,'TUR','Sivas'),(19665,'UKR','Sjeverodonetsk'),(19666,'DZA','Skikda'),(19667,'MKD','Skopje'),(19668,'BGR','Sliven'),(19669,'GBR','Slough'),(19670,'UKR','Slovjansk'),(19671,'POL','Slupsk'),(19672,'RUS','Smolensk'),(19673,'COL','Soacha'),(19674,'BRA','Sobral'),(19675,'BGR','Sofija'),(19676,'COL','Sogamoso'),(19677,'GEO','Sohumi'),(19678,'JPN','Soka'),(19679,'NGA','Sokoto'),(19680,'IND','Solapur (Sholapur)'),(19681,'COL','Soledad'),(19682,'MEX','Soledad de Graciano SÃ¡nchez'),(19683,'BLR','Soligorsk'),(19684,'GBR','Solihull'),(19685,'RUS','Solikamsk'),(19686,'DEU','Solingen'),(19687,'THA','Songkhla'),(19688,'KOR','Songnam'),(19689,'IND','Sonipat (Sonepat)'),(19690,'BRA','Sorocaba'),(19691,'PHL','Sorsogon'),(19692,'KOR','Sosan'),(19693,'ZAF','Soshanguve'),(19694,'POL','Sosnowiec'),(19695,'RUS','SotÂši'),(19696,'TUN','Sousse'),(19697,'USA','South Bend'),(19698,'IND','South Dum Dum'),(19699,'AIA','South Hill'),(19700,'GBR','Southampton'),(19701,'GBR','Southend-on-Sea'),(19702,'GBR','Southport'),(19703,'ZAF','Soweto'),(19704,'SLV','Soyapango'),(19705,'JAM','Spanish Town'),(19706,'HRV','Split'),(19707,'USA','Spokane'),(19708,'USA','Springfield'),(19709,'ZAF','Springs'),(19710,'LKA','Sri Jayawardenepura Kotte'),(19711,'IND','Srinagar'),(19712,'RUS','St Petersburg'),(19713,'FRA','St-Ã‰tienne'),(19714,'UKR','Stahanov'),(19715,'USA','Stamford'),(19716,'FLK','Stanley'),(19717,'BGR','Stara Zagora'),(19718,'RUS','Staryi Oskol'),(19719,'NOR','Stavanger'),(19720,'RUS','Stavropol'),(19721,'USA','Sterling Heights'),(19722,'RUS','Sterlitamak'),(19723,'SWE','Stockholm'),(19724,'GBR','Stockport'),(19725,'USA','Stockton'),(19726,'GBR','Stoke-on-Trent'),(19727,'FRA','Strasbourg'),(19728,'DEU','Stuttgart'),(19729,'YUG','Subotica'),(19730,'ROM','Suceava'),(19731,'BOL','Sucre'),(19732,'CAN','Sudbury'),(19733,'EGY','Suez'),(19734,'OMN','Suhar'),(19735,'CHN','Suihua'),(19736,'CHN','Suining'),(19737,'JPN','Suita'),(19738,'CHN','Suizhou'),(19739,'IDN','Sukabumi'),(19740,'PAK','Sukkur'),(19741,'PER','Sullana'),(19742,'PHL','Sultan Kudarat'),(19743,'TUR','Sultanbeyli'),(19744,'BRA','SumarÃ©'),(19745,'AZE','Sumqayit'),(19746,'UKR','Sumy'),(19747,'KOR','Sunchon'),(19748,'GBR','Sunderland'),(19749,'SWE','Sundsvall'),(19750,'MYS','Sungai Petani'),(19751,'IDN','Sunggal'),(19752,'USA','Sunnyvale'),(19753,'USA','Sunrise Manor'),(19754,'CHN','Suqian'),(19755,'IDN','Surabaya'),(19756,'IDN','Surakarta'),(19757,'IND','Surat'),(19758,'IND','Surendranagar'),(19759,'RUS','Surgut'),(19760,'PHL','Surigao'),(19761,'CAN','Surrey'),(19762,'GBR','Sutton Coldfield'),(19763,'FJI','Suva'),(19764,'KOR','Suwon'),(19765,'BRA','Suzano'),(19766,'CHN','Suzhou'),(19767,'JPN','Suzuka'),(19768,'GBR','Swansea'),(19769,'GBR','Swindon'),(19770,'AUS','Sydney'),(19771,'RUS','Syktyvkar'),(19772,'BGD','Sylhet'),(19773,'USA','Syracuse'),(19774,'ITA','Syrakusa'),(19775,'RUS','Syzran'),(19776,'HUN','SzÃ©kesfehÃ©rvÃ¡r'),(19777,'POL','Szczecin'),(19778,'HUN','Szeged'),(19779,'PHL','Tabaco'),(19780,'BRA','TaboÃ£o da Serra'),(19781,'TZA','Tabora'),(19782,'IRN','Tabriz'),(19783,'SAU','Tabuk'),(19784,'JPN','Tachikawa'),(19785,'PHL','Tacloban'),(19786,'PER','Tacna'),(19787,'USA','Tacoma'),(19788,'KOR','Taegu'),(19789,'KOR','Taejon'),(19790,'ASM','Tafuna'),(19791,'RUS','Taganrog'),(19792,'PHL','Taguig'),(19793,'PHL','Tagum'),(19794,'CHN','TaiÂ´an'),(19795,'TWN','Taichung'),(19796,'TWN','Tainan'),(19797,'TWN','Taipei'),(19798,'MYS','Taiping'),(19799,'TWN','Taitung'),(19800,'CHN','Taiyuan'),(19801,'CHN','Taizhou'),(19802,'YEM','Taizz'),(19803,'JPN','Tajimi'),(19804,'JPN','Takamatsu'),(19805,'JPN','Takaoka'),(19806,'JPN','Takarazuka'),(19807,'JPN','Takasago'),(19808,'JPN','Takasaki'),(19809,'JPN','Takatsuki'),(19810,'PHL','Talavera'),(19811,'CHL','Talca'),(19812,'CHL','Talcahuano'),(19813,'KAZ','Taldyqorghan'),(19814,'TWN','Tali'),(19815,'TWN','Taliao'),(19816,'PHL','Talisay'),(19817,'EGY','Talkha'),(19818,'USA','Tallahassee'),(19819,'EST','Tallinn'),(19820,'JPN','Tama'),(19821,'GHA','Tamale'),(19822,'IDN','Taman'),(19823,'IND','Tambaram'),(19824,'RUS','Tambov'),(19825,'USA','Tampa'),(19826,'FIN','Tampere'),(19827,'MEX','Tampico'),(19828,'GUM','Tamuning'),(19829,'PHL','Tanauan'),(19830,'ARG','Tandil'),(19831,'PAK','Tando Adam'),(19832,'TZA','Tanga'),(19833,'BGD','Tangail'),(19834,'MAR','Tanger'),(19835,'IDN','Tangerang'),(19836,'CHN','Tangshan'),(19837,'IDN','Tanjung Pinang'),(19838,'TWN','Tanshui'),(19839,'EGY','Tanta'),(19840,'MEX','Tantoyuca'),(19841,'PHL','Tanza'),(19842,'CHN','Taonan'),(19843,'TWN','Taoyuan'),(19844,'MEX','Tapachula'),(19845,'ITA','Taranto'),(19846,'KAZ','Taraz'),(19847,'BOL','Tarija'),(19848,'PHL','Tarlac'),(19849,'POL','TarnÃ³w'),(19850,'ESP','Tarragona'),(19851,'TUR','Tarsus'),(19852,'EST','Tartu'),(19853,'IDN','Tasikmalaya'),(19854,'BRA','TatuÃ­'),(19855,'BRA','TaubatÃ©'),(19856,'MMR','Taunggyi (Taunggye)'),(19857,'MMR','Tavoy (Dawei)'),(19858,'MEX','Taxco de AlarcÃ³n'),(19859,'PHL','Taytay'),(19860,'MAR','Taza'),(19861,'RUS','TÂšaikovski'),(19862,'RUS','TÂšeboksary'),(19863,'RUS','TÂšeljabinsk'),(19864,'RUS','TÂšerepovets'),(19865,'UKR','TÂšerkasy'),(19866,'RUS','TÂšerkessk'),(19867,'UKR','TÂšernigiv'),(19868,'UKR','TÂšernivtsi'),(19869,'RUS','TÂšita'),(19870,'ROM','TÃ¢rgoviste'),(19871,'ROM','TÃ¢rgu Jiu'),(19872,'ROM','TÃ¢rgu Mures'),(19873,'DZA','TÃ©bessa'),(19874,'MAR','TÃ©mara'),(19875,'MAR','TÃ©touan'),(19876,'FRO','TÃ³rshavn'),(19877,'MEX','TÃºxpam'),(19878,'GEO','Tbilisi'),(19879,'BRA','TeÃ³filo Otoni'),(19880,'IDN','Tebing Tinggi'),(19881,'MEX','TecÃ¡mac'),(19882,'MEX','TecomÃ¡n'),(19883,'IDN','Tegal'),(19884,'HND','Tegucigalpa'),(19885,'IRN','Teheran'),(19886,'MEX','TehuacÃ¡n'),(19887,'BRA','Teixeira de Freitas'),(19888,'MEX','Tejupilco'),(19889,'TUR','Tekirdag'),(19890,'ISR','Tel Aviv-Jaffa'),(19891,'IND','Tellicherry (Thalassery)'),(19892,'GHA','Tema'),(19893,'MEX','Temapache'),(19894,'KAZ','Temirtau'),(19895,'MEX','Temixco'),(19896,'USA','Tempe'),(19897,'CHL','Temuco'),(19898,'IND','Tenali'),(19899,'CHN','Tengzhou'),(19900,'MEX','TepatitlÃ¡n de Morelos'),(19901,'MEX','Tepic'),(19902,'BRA','TeresÃ³polis'),(19903,'BRA','Teresina'),(19904,'UZB','Termiz'),(19905,'ITA','Terni'),(19906,'UKR','Ternopil'),(19907,'ESP','Terrassa'),(19908,'MOZ','Tete'),(19909,'MEX','Texcoco'),(19910,'VNM','Thai Nguyen'),(19911,'IND','Thane (Thana)'),(19912,'IND','Thanjavur'),(19913,'AIA','The Valley'),(19914,'GRC','Thessaloniki'),(19915,'SEN','ThiÃ¨s'),(19916,'BTN','Thimphu'),(19917,'IND','Thiruvananthapuram (Trivandrum'),(19918,'USA','Thousand Oaks'),(19919,'CAN','Thunder Bay'),(19920,'CHN','Tianjin'),(19921,'CHN','Tianmen'),(19922,'CHN','Tianshui'),(19923,'DZA','Tiaret'),(19924,'CHN','Tiefa'),(19925,'CHN','Tieli'),(19926,'CHN','Tieling'),(19927,'MEX','Tierra 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America'),('LIE','Liechtenstein','Europe'),('LKA','Sri Lanka','Asia'),('LSO','Lesotho','Africa'),('LTU','Lithuania','Europe'),('LUX','Luxembourg','Europe'),('LVA','Latvia','Europe'),('MAC','Macao','Asia'),('MAR','Morocco','Africa'),('MCO','Monaco','Europe'),('MDA','Moldova','Europe'),('MDG','Madagascar','Africa'),('MDV','Maldives','Asia'),('MEX','Mexico','North America'),('MHL','Marshall Islands','Oceania'),('MKD','Macedonia','Europe'),('MLI','Mali','Africa'),('MLT','Malta','Europe'),('MMR','Myanmar','Asia'),('MNG','Mongolia','Asia'),('MNP','Northern Mariana Islands','Oceania'),('MOZ','Mozambique','Africa'),('MRT','Mauritania','Africa'),('MSR','Montserrat','North America'),('MTQ','Martinique','North America'),('MUS','Mauritius','Africa'),('MWI','Malawi','Africa'),('MYS','Malaysia','Asia'),('MYT','Mayotte','Africa'),('NAM','Namibia','Africa'),('NCL','New Caledonia','Oceania'),('NER','Niger','Africa'),('NFK','Norfolk Island','Oceania'),('NGA','Nigeria','Africa'),('NIC','Nicaragua','North America'),('NIU','Niue','Oceania'),('NLD','Netherlands','Europe'),('NOR','Norway','Europe'),('NPL','Nepal','Asia'),('NRU','Nauru','Oceania'),('NZL','New Zealand','Oceania'),('OMN','Oman','Asia'),('PAK','Pakistan','Asia'),('PAN','Panama','North America'),('PCN','Pitcairn','Oceania'),('PER','Peru','South America'),('PHL','Philippines','Asia'),('PLW','Palau','Oceania'),('PNG','Papua New Guinea','Oceania'),('POL','Poland','Europe'),('PRI','Puerto Rico','North America'),('PRK','North Korea','Asia'),('PRT','Portugal','Europe'),('PRY','Paraguay','South America'),('PSE','Palestine','Asia'),('PYF','French Polynesia','Oceania'),('QAT','Qatar','Asia'),('REU','RÃ©union','Africa'),('ROM','Romania','Europe'),('RUS','Russian Federation','Europe'),('RWA','Rwanda','Africa'),('SAU','Saudi Arabia','Asia'),('SDN','Sudan','Africa'),('SEN','Senegal','Africa'),('SGP','Singapore','Asia'),('SGS','South Georgia and the South Sandwich Islands','Antarctica'),('SHN','Saint Helena','Africa'),('SJM','Svalbard and Jan Mayen','Europe'),('SLB','Solomon Islands','Oceania'),('SLE','Sierra Leone','Africa'),('SLV','El Salvador','North America'),('SMR','San Marino','Europe'),('SOM','Somalia','Africa'),('SPM','Saint Pierre and Miquelon','North America'),('STP','Sao Tome and Principe','Africa'),('SUR','Suriname','South America'),('SVK','Slovakia','Europe'),('SVN','Slovenia','Europe'),('SWE','Sweden','Europe'),('SWZ','Swaziland','Africa'),('SYC','Seychelles','Africa'),('SYR','Syria','Asia'),('TCA','Turks and Caicos Islands','North America'),('TCD','Chad','Africa'),('TGO','Togo','Africa'),('THA','Thailand','Asia'),('TJK','Tajikistan','Asia'),('TKL','Tokelau','Oceania'),('TKM','Turkmenistan','Asia'),('TMP','East Timor','Asia'),('TON','Tonga','Oceania'),('TTO','Trinidad and Tobago','North America'),('TUN','Tunisia','Africa'),('TUR','Turkey','Asia'),('TUV','Tuvalu','Oceania'),('TWN','Taiwan','Asia'),('TZA','Tanzania','Africa'),('UGA','Uganda','Africa'),('UKR','Ukraine','Europe'),('UMI','United States Minor Outlying Islands','Oceania'),('URY','Uruguay','South America'),('USA','United States','North America'),('UZB','Uzbekistan','Asia'),('VAT','Holy See (Vatican City State)','Europe'),('VCT','Saint Vincent and the Grenadines','North America'),('VEN','Venezuela','South America'),('VGB','Virgin Islands, British','North America'),('VIR','Virgin Islands, U.S.','North America'),('VNM','Vietnam','Asia'),('VUT','Vanuatu','Oceania'),('WLF','Wallis and Futuna','Oceania'),('WSM','Samoa','Oceania'),('YEM','Yemen','Asia'),('YUG','Yugoslavia','Europe'),('ZAF','South Africa','Africa'),('ZMB','Zambia','Africa'),('ZWE','Zimbabwe','Africa');

/\*!40000 ALTER TABLE `countries` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `electrometers`

--

LOCK TABLES `electrometers` WRITE;

/\*!40000 ALTER TABLE `electrometers` DISABLE KEYS \*/;

INSERT INTO `electrometers` VALUES (29,1234),(32,1235);

/\*!40000 ALTER TABLE `electrometers` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `employees`

--

LOCK TABLES `employees` WRITE;

/\*!40000 ALTER TABLE `employees` DISABLE KEYS \*/;

INSERT INTO `employees` VALUES (1,6,1);

/\*!40000 ALTER TABLE `employees` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `payments`

--

LOCK TABLES `payments` WRITE;

/\*!40000 ALTER TABLE `payments` DISABLE KEYS \*/;

INSERT INTO `payments` VALUES (1,1,1,8.29,'2015-10-25 19:38:29','\0');

/\*!40000 ALTER TABLE `payments` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `periods`

--

LOCK TABLES `periods` WRITE;

/\*!40000 ALTER TABLE `periods` DISABLE KEYS \*/;

INSERT INTO `periods` VALUES (1,'2015-01-01','2015-01-31'),(2,'2015-02-01','2015-02-28'),(3,'2015-03-01','2015-03-31'),(4,'2015-04-01','2015-04-30'),(5,'2015-05-01','2015-05-31'),(6,'2015-06-01','2015-06-30'),(7,'2015-07-01','2015-07-31'),(8,'2015-08-01','2015-08-31'),(9,'2015-09-01','2015-09-30'),(10,'2015-10-01','2015-10-31'),(11,'2015-11-01','2015-11-30'),(12,'2015-12-01','2015-12-31');

/\*!40000 ALTER TABLE `periods` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `tariffs`

--

LOCK TABLES `tariffs` WRITE;

/\*!40000 ALTER TABLE `tariffs` DISABLE KEYS \*/;

INSERT INTO `tariffs` VALUES (1,0.13466,0.05221);

/\*!40000 ALTER TABLE `tariffs` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `users`

--

LOCK TABLES `users` WRITE;

/\*!40000 ALTER TABLE `users` DISABLE KEYS \*/;

INSERT INTO `users` VALUES (3,'admin','21232f297a57a5a743894a0e4a801fc3','Admin','Adminov','2015-10-20 20:00:00','2015-11-02 20:58:19','active','admin',3),(5,'customer@energo.com','c4ca4238a0b923820dcc509a6f75849b','Customer','Customerov','2015-10-23 18:59:22','2015-10-28 16:58:12','active','client',5),(6,'employee@energo.com','c4ca4238a0b923820dcc509a6f75849b','Служител','Служителова','2015-10-23 20:28:21','2015-11-02 18:44:11','active','employee',6),(7,'testcustomer@energo.com','c4ca4238a0b923820dcc509a6f75849b','Клиент','Клиентов','2015-10-24 18:43:47','2015-11-02 18:40:53','active','client',10);

/\*!40000 ALTER TABLE `users` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping data for table `workplaces`

--

LOCK TABLES `workplaces` WRITE;

/\*!40000 ALTER TABLE `workplaces` DISABLE KEYS \*/;

INSERT INTO `workplaces` VALUES (1,17,'Energo - Ruse');

/\*!40000 ALTER TABLE `workplaces` ENABLE KEYS \*/;

UNLOCK TABLES;

/\*!40103 SET TIME\_ZONE=@OLD\_TIME\_ZONE \*/;

/\*!40101 SET SQL\_MODE=@OLD\_SQL\_MODE \*/;

/\*!40014 SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS \*/;

/\*!40014 SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS \*/;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

/\*!40111 SET SQL\_NOTES=@OLD\_SQL\_NOTES \*/;

-- Dump completed on 2015-11-02 22:03:59

# Избор на среда и език за програмиране

Езикът за програмиране е Java, а избраната среда за програмиране е NetBeans IDE 8.0.2. Използваните са следните технологии: Java Server Faces (JSF), Java Persistence API (JPA), PrimeFaces, OmniFaces, JBoss.

Системата за управление на БД (СУБД) е MySQL.

# Реализиране и описание на програмните модули

* public void create(T entity) – функция за добавяне на нов запис
* public void edit(T entity) – функция за обновяване на запис
* public void remove(T entity) – функция за изтриване на запис
* public T find(Object id) – функция за търсене на запис
* public List<T> findAll – фунцкия, която връща всички записи в таблицата
* public List<T> findRange(int[] range) – фунцкия, която връща част от записите (в зададен диапазон)
* public int count() – функция, която връща броят на записите
* public boolean validate(String email, String password) – функция за проверка дали съществува потребител в БД със зададените параметри (ел. поща и парола)
* public User finduserByEmail(String emailAddress) – връща потребителя със съответната ел. поща или null ако потебителят не е намерен
* public String login() – функция за login – връща адреса на началната страница при успех
* public String logout() – функция за logout – връща публичната начална страница
* public void changePassword() – функция за смяна на потребителската парола
* public List<Bill> getItemsByCustomer(Client customer, boolean onlyUnpaid) – връща списък със сметките на съответния клиент (customer). Ако onlyUnpaid е true – връща само неплатените сметки, в противен случай всичките.
* public void payBill() – функция за заплащане на сметка
* public BigDecimal calculateAmount(Bill bill, Tariff tariff) – функция за изчисляване на сумата за заплащане при зададени тарифи и стойности на отчетената електроенергия.