

**LAPORAN TUGAS MAHASISWA
PEMROGRAMAN BERBASIS OBJEK**



DI SUSUN OLEH :

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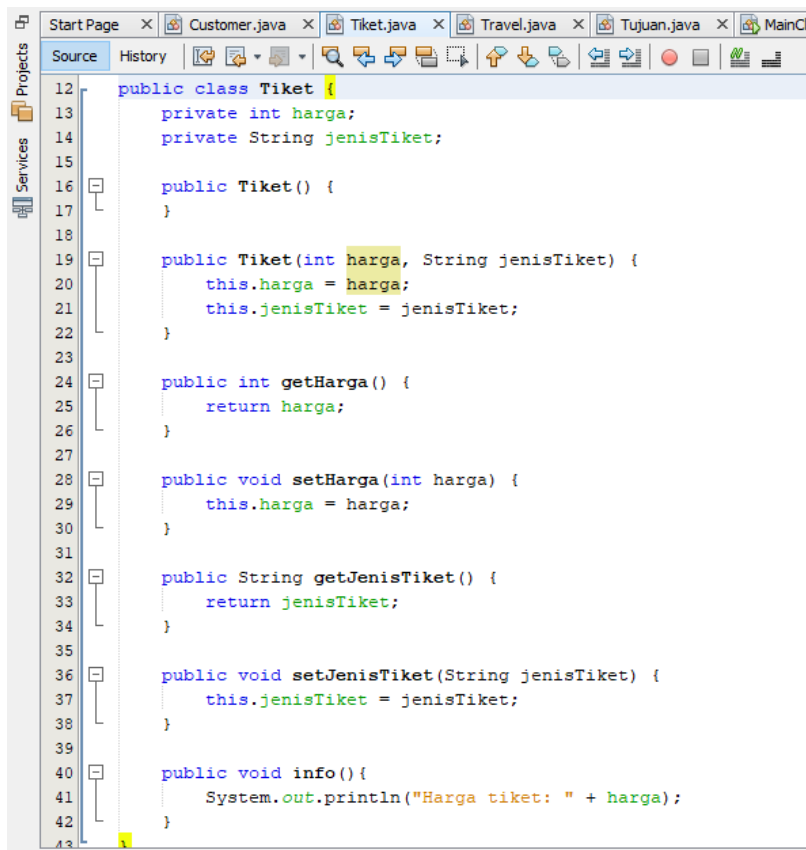
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**PROGRAM STUDI D4 TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG 2018**

Studi Kasus

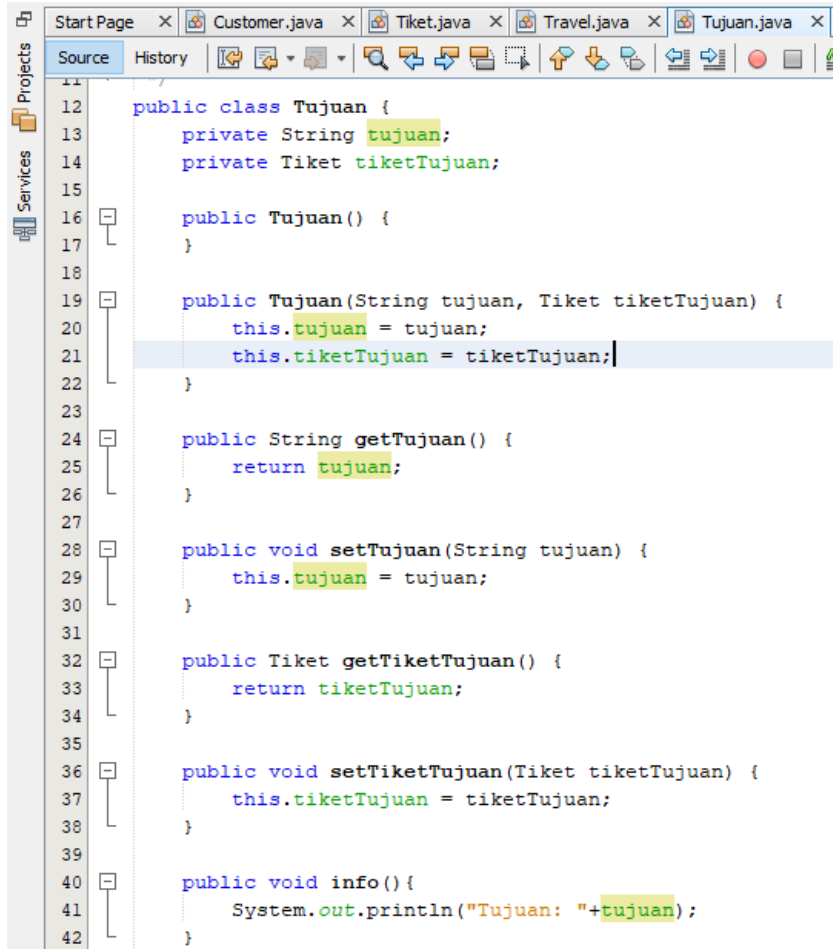
Sebuah perusahaan travel membutuhkan software dengan berbasis PBO untuk mencatat customer yang akan memesan travel

1. Class Tiket



```
12 public class Tiket {
13     private int harga;
14     private String jenisTiket;
15
16     public Tiket() {
17     }
18
19     public Tiket(int harga, String jenisTiket) {
20         this.harga = harga;
21         this.jenisTiket = jenisTiket;
22     }
23
24     public int getHarga() {
25         return harga;
26     }
27
28     public void setHarga(int harga) {
29         this.harga = harga;
30     }
31
32     public String getJenisTiket() {
33         return jenisTiket;
34     }
35
36     public void setJenisTiket(String jenisTiket) {
37         this.jenisTiket = jenisTiket;
38     }
39
40     public void info() {
41         System.out.println("Harga tiket: " + harga);
42     }
43 }
```

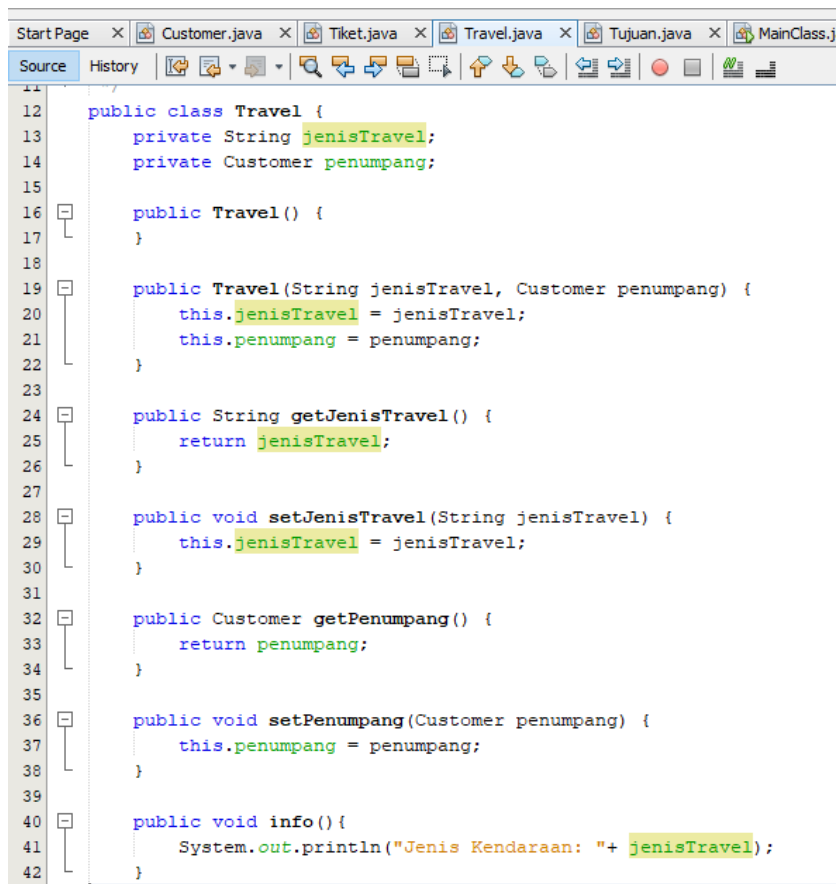
2. Class Tujuan



The screenshot shows an IDE window with several tabs: StartPage, Customer.java, Tiket.java, Travel.java, and Tujuan.java. The Tujuan.java tab is active, displaying the source code for the Tujuan class. The code includes private attributes for 'tujuan' (String) and 'tiketTujuan' (Tiket), and public methods for initialization, getters, setters, and an info method. The line numbers 11 through 42 are visible on the left margin. The code is as follows:

```
11
12 public class Tujuan {
13     private String tujuan;
14     private Tiket tiketTujuan;
15
16     public Tujuan() {
17     }
18
19     public Tujuan(String tujuan, Tiket tiketTujuan) {
20         this.tujuan = tujuan;
21         this.tiketTujuan = tiketTujuan;
22     }
23
24     public String getTujuan() {
25         return tujuan;
26     }
27
28     public void setTujuan(String tujuan) {
29         this.tujuan = tujuan;
30     }
31
32     public Tiket getTiketTujuan() {
33         return tiketTujuan;
34     }
35
36     public void setTiketTujuan(Tiket tiketTujuan) {
37         this.tiketTujuan = tiketTujuan;
38     }
39
40     public void info() {
41         System.out.println("Tujuan: "+tujuan);
42     }
```

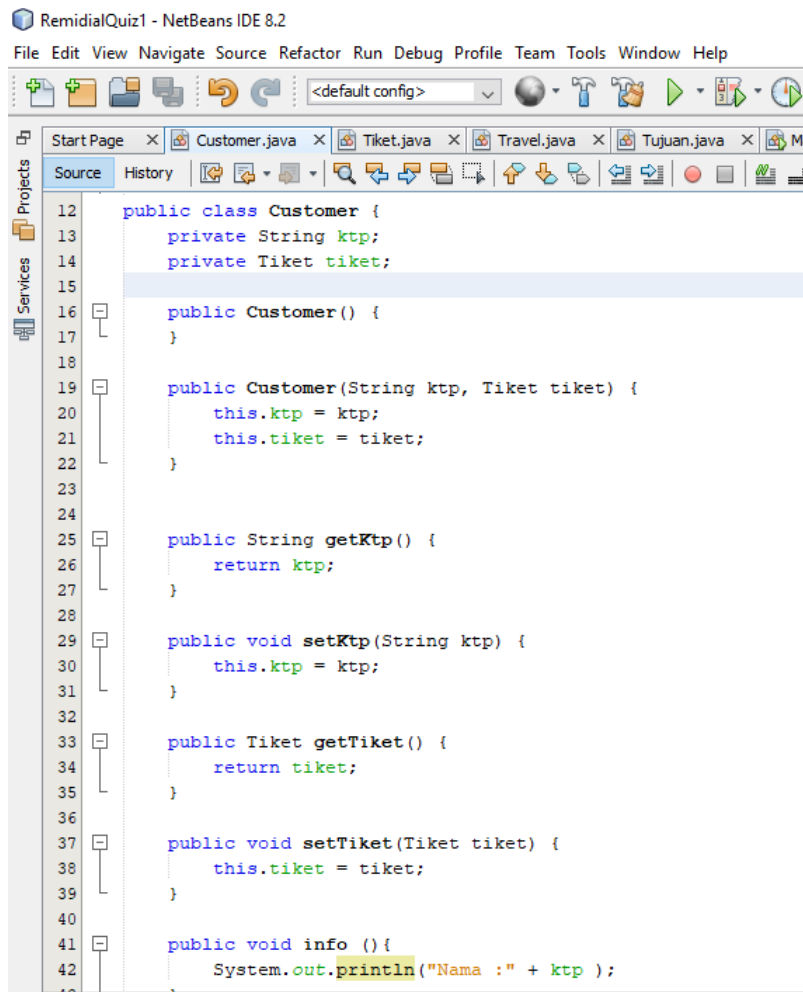
3. Class Travel



The screenshot shows an IDE window with several tabs: Start Page, Customer.java, Tiket.java, Travel.java (active), Tujuan.java, and MainClass.java. The Travel.java tab is selected, and the 'Source' view is active. The code defines a public class Travel with private attributes jenisTravel (String) and penumpang (Customer). It includes a no-argument constructor, a parameterized constructor, and getter/setter methods for both attributes. An info() method is also present, which prints the jenisTravel attribute.

```
11
12 public class Travel {
13     private String jenisTravel;
14     private Customer penumpang;
15
16     public Travel() {
17     }
18
19     public Travel(String jenisTravel, Customer penumpang) {
20         this.jenisTravel = jenisTravel;
21         this.penumpang = penumpang;
22     }
23
24     public String getJenisTravel() {
25         return jenisTravel;
26     }
27
28     public void setJenisTravel(String jenisTravel) {
29         this.jenisTravel = jenisTravel;
30     }
31
32     public Customer getPenumpang() {
33         return penumpang;
34     }
35
36     public void setPenumpang(Customer penumpang) {
37         this.penumpang = penumpang;
38     }
39
40     public void info(){
41         System.out.println("Jenis Kendaraan: "+ jenisTravel);
42     }
43 }
```

4. Class Customer



5. Class Main

```
    */  
    public class MainClass {  
    |     public static void main(String[] args) {  
        Customer c = new Customer();  
        Tujuan tj = new Tujuan();  
        Travel tr = new Travel();  
        Tiket t = new Tiket();  
  
        c.setKtp("Budi");  
        tj.setTujuan("Surabaya");  
        tr.setJenisTravel("mobil xenia");  
        t.setHarga(500000);  
  
        c.info();  
        tj.info();  
        tr.info();  
        t.info();  
    }
```

Output

```
remidial-quiz1 - E:\KULIAH\SEMESTER 3\PBO\remed\remidial-quiz1 X  
run:  
Nama :Budi  
Tujuan: Surabaya  
Jenis Kendaraan: mobil xenia  
Harga tiket: 500000  
BUILD SUCCESSFUL (total time: 7 seconds)  
|
```