

```
1 // program that finds the price of a flight ticket
2
3 import java.util.Scanner;
4 public class Solution {
5     public static void main(String[] args) {
6         Scanner input = new Scanner(System.in);
7         System.out.print("ENTER DISTANCE (KM) : ");
8         int distance = input.nextInt();
9         double realPrice = 0.10 * distance;
10        System.out.println("REAL PRICE : "+realPrice+" $");
11        System.out.print("SELECT THE TYPE OF TRIP (ONE DIRECTION TRIP == 1 OR DEPARTURE AND RETURN TRIP
==2) : ");
12        int typeOftrip = input.nextInt();
13        if (typeOftrip == 2) {
14            System.out.print("ENTER YOUR AGE : ");
15            int age = input.nextInt();
16            if (age < 12) {
17                double a = realPrice * 0.50;
18                double b = realPrice - a;
19                double c = b * 0.20;
20                double totalPrice = 2 * (b - c);
21                System.out.print("TOTAL PRICE : "+totalPrice+"$");
22
23            } else if (age >= 12 && age <=14) {
24                double a = realPrice * 0.10;
25                double b = realPrice - a;
26                double c = b * 0.20;
27                double totalPrice = 2 * (b - c);
28                System.out.print("TOTAL PRICE : " +totalPrice+" $");
29
30            } else if (age >= 65) {
31                double a = realPrice * 0.30;
32                double b = realPrice - a;
33                double c = b * 0.20;
34                double totalPrice = 2 * (b - c);
35                System.out.print("TOTAL PRICE : " +totalPrice+" $");
36
37            } else {
38                double a = realPrice * 0.20;
39                double totalPrice = realPrice - a;
40                System.out.print("TOTAL PRICE : "+totalPrice+" $");
41            }
42        } else if (typeOftrip == 1) {
43            System.out.print("ENTER YOUR AGE : ");
44            int age = input.nextInt();
45            if (age < 12) {
46                double a = realPrice * 0.50;
47                double totalPrice = realPrice - a;
48                System.out.print("TOTAL PRICE : "+totalPrice+"$");
49            } else if (age >=12 && age <= 14) {
50                double a = realPrice * 0.10;
51                double totalPrice = realPrice - a;
52                System.out.print("TOTAL PRICE : "+totalPrice+"$");
53            } else if (age >= 65) {
54                double a = realPrice * 0.30;
55                double totalPrice = realPrice - a;
56                System.out.print("TOTAL PRICE : "+totalPrice+" $");
57            } else {
58                System.out.print("TOTAL PRICE : "+realPrice+" $");
59            }
60        } else {
61            System.out.print("ENTER VALID VALUES.");
62        }
63
64
65
66
```

```
67     }  
68  
69 }  
70
```