

Stamford University Bangladesh

Spring 2022

Assignment

CSI 234: Advanced Programming Sessional

Course Teacher: Santa Maria Shithil

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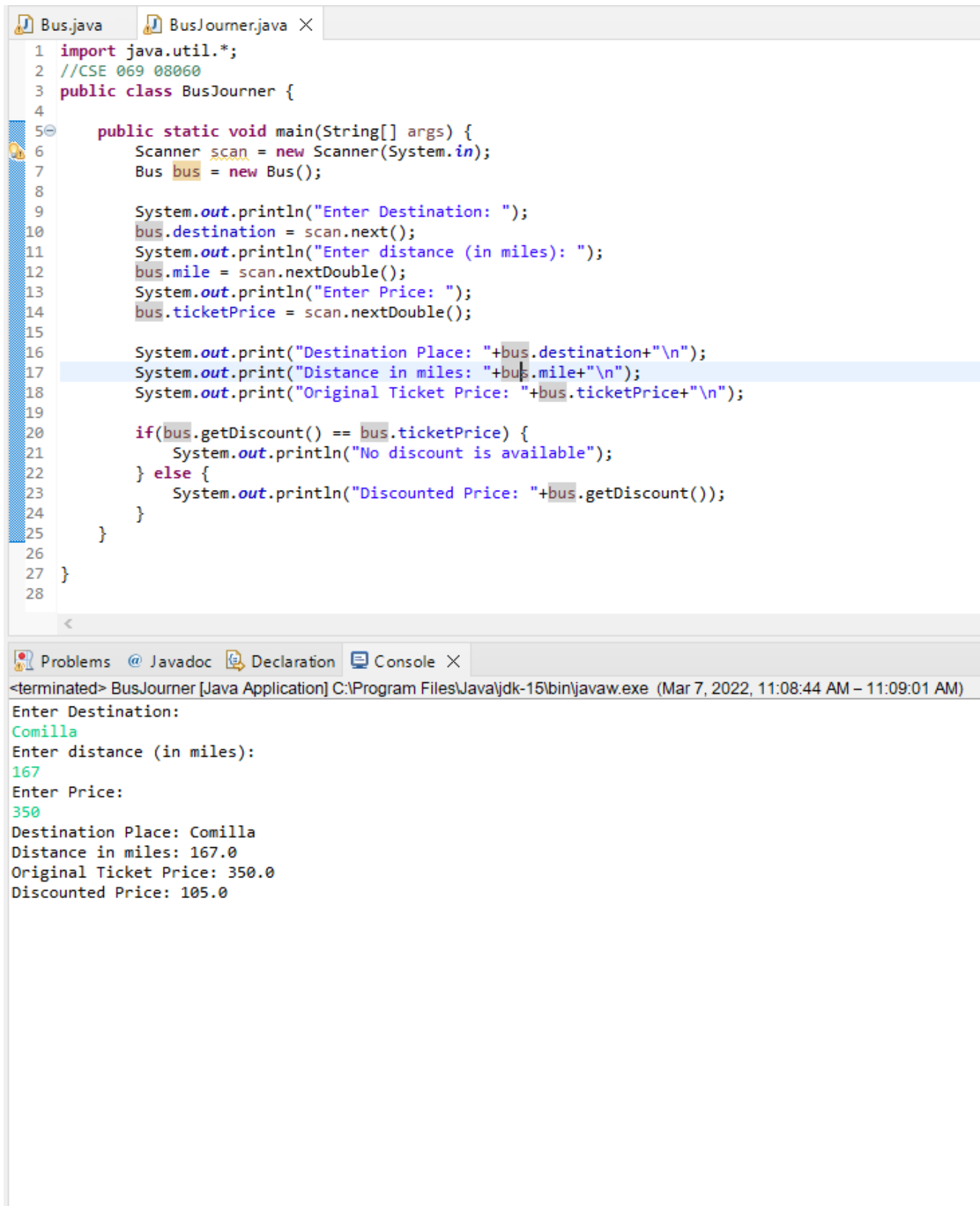
ID: CSE 069 08060

Batch: 68(A)

```
Bus.java × BusJourneyer.java
1 import java.util.*;
2 //CSE 069 08060
3 public class Bus {
4     public String destination;
5     public double ticketPrice;
6     public double mile;
7
8     public Bus() {
9         this.destination = null;
10        this.ticketPrice = -1.0;
11        this.mile = -1.0;
12    }
13
14    public Bus(String destination, double ticketPrice, double mile) {
15        this.destination = destination;
16        this.ticketPrice = ticketPrice;
17        this.mile = mile;
18    }
19
20    public double getDiscount() {
21        if(mile >= 150 && mile <=170) {
22            return (ticketPrice*30)/100;
23        } else {
24            return ticketPrice;
25        }
26    }
27 }
28
```

<terminated> BusJourneyer [Java Application] C:\Program Files\Java\jdk-15\bin\javaw.exe (Mar 7, 2022, 11:08:44 AM – 11:09:01 AM)

Enter Destination:
Comilla
Enter distance (in miles):
167
Enter Price:
350
Destination Place: Comilla
Distance in miles: 167.0
Original Ticket Price: 350.0
Discounted Price: 105.0



```
1 import java.util.*;
2 //CSE 069 08060
3 public class BusJourneyer {
4
5     public static void main(String[] args) {
6         Scanner scan = new Scanner(System.in);
7         Bus bus = new Bus();
8
9         System.out.println("Enter Destination: ");
10        bus.destination = scan.next();
11        System.out.println("Enter distance (in miles): ");
12        bus.mile = scan.nextDouble();
13        System.out.println("Enter Price: ");
14        bus.ticketPrice = scan.nextDouble();
15
16        System.out.print("Destination Place: "+bus.destination+"\n");
17        System.out.print("Distance in miles: "+bus.mile+"\n");
18        System.out.print("Original Ticket Price: "+bus.ticketPrice+"\n");
19
20        if(bus.getDiscount() == bus.ticketPrice) {
21            System.out.println("No discount is available");
22        } else {
23            System.out.println("Discounted Price: "+bus.getDiscount());
24        }
25    }
26
27 }
28
```

Problems @ Javadoc Declaration Console X

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