

Ticket_Booking_System

- work by

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Task 1: Nested Conditional Statements

Create a program that simulates a Ticket booking and calculating cost of tickets. Display tickets options such as "Silver", "Gold", "Dimond". Based on ticket category fix the base ticket price and get the user input for ticket type and no of tickets need and calculate the total cost of tickets booked.

Java Code :

```
package com.hexaware.task2.nestedconditionalstatements;

import java.util.Scanner;

public class TicketCost {

    public static void main(String[] args) {

        Scanner sc=new Scanner(System.in);

        //Getting ticket for no of ticket and type of ticket

        System.out.println("TYPE : Diamond    COSTS : 750 /- per ticket");
        System.out.println("TYPE : Gold      COSTS : 500 /- per ticket");
        System.out.println("TYPE : Silver   COSTS : 350 /- per ticket");
        System.out.println();
        System.out.println("Enter the Type of ticket to be booked : ");

        String ticketType=sc.next();

        System.out.println("Enter the No of tickets to be booked : ");
        int noOfTickets=sc.nextInt();

        int costPerTicket=0;

        // Use equalsIgnoreCase for case-insensitive comparison
        if (ticketType.equalsIgnoreCase("DIAMOND"))
```

```

    {
        costPerTicket = 750;
    }
    else if (ticketType.equalsIgnoreCase("GOLD"))
    {
        costPerTicket = 500;
    }
    else if (ticketType.equalsIgnoreCase("SILVER"))
    {
        costPerTicket = 350;
    }
    else
    {
        System.out.println("Please enter a valid ticket type.");
    }

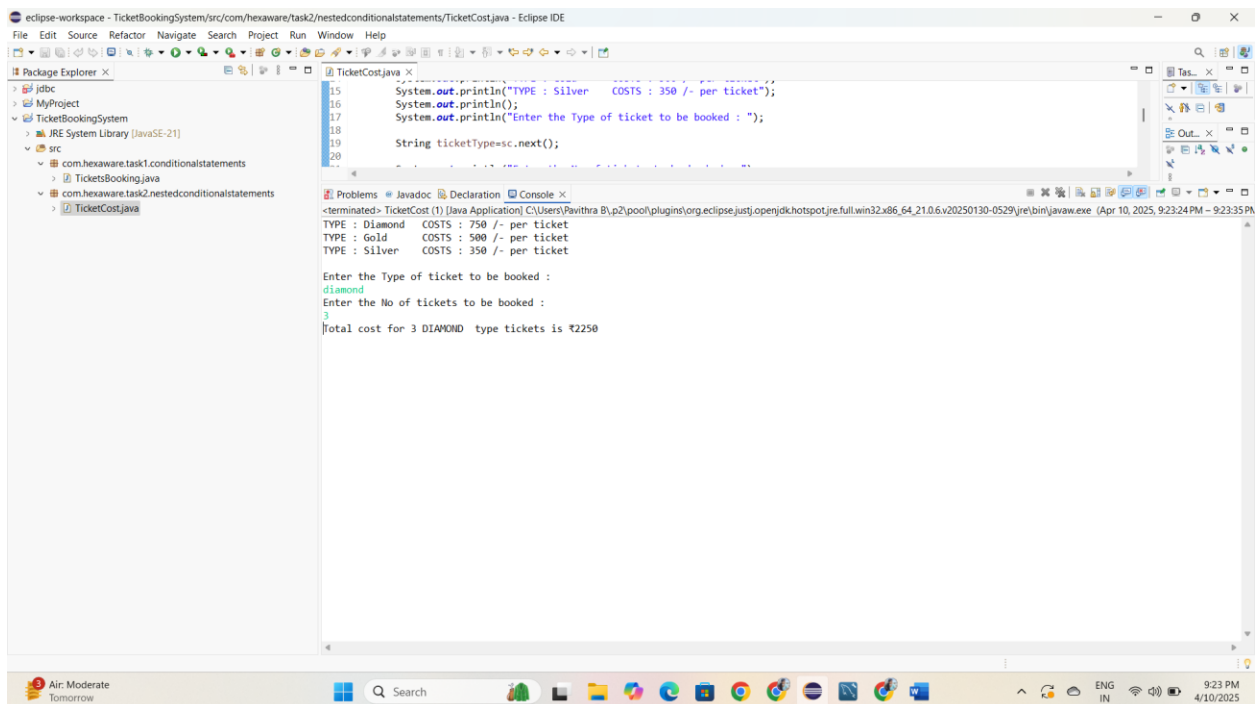
    int totalCost = noOfTickets * costPerTicket;
    System.out.println("Total cost for " + noOfTickets + " " +
        ticketType.toUpperCase() + " type tickets is ₹" + totalCost);

    sc.close();
}

}

```

Screenshots:



eclipse-workspace - TicketBookingSystem/src/com/hexaware/task2/nestedconditionalstatements/TicketCost.java - Eclipse IDE

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 - TicketsBooking.java
 - com.hexaware.task2.nestedconditionalstatements
 - TicketCost.java

TicketCost.java

```
15 System.out.println("TYPE : Silver    COSTS : 350 /- per ticket");
16 System.out.println();
17 System.out.println("Enter the Type of ticket to be booked : ");
18
19 String ticketType=sc.next();
20
```

Problems Javadoc Declaration Console

<terminated> TicketCost (1) [Java Application] C:\Users\Pavithra B\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_21.0.6.v20250130-0529\jre\bin\javaw.exe (Apr 10, 2025, 9:23:48 PM - 9:23:56 PM)

```
TYPE : Diamond    COSTS : 750 /- per ticket
TYPE : Gold       COSTS : 500 /- per ticket
TYPE : Silver     COSTS : 350 /- per ticket

Enter the Type of ticket to be booked :
gold
Enter the No of tickets to be booked :
2
Total cost for 2 GOLD type tickets is ₹1000
```

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eclipse-workspace - TicketBookingSystem/src/com/hexaware/task2/nestedconditionalstatements/TicketCost.java - Eclipse IDE

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TicketCost.java

```
15 System.out.println("TYPE : Silver    COSTS : 350 /- per ticket");
16 System.out.println();
17 System.out.println("Enter the Type of ticket to be booked : ");
18
19 String ticketType=sc.next();
20
```

Problems Javadoc Declaration Console

<terminated> TicketCost (1) [Java Application] C:\Users\Pavithra B\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_21.0.6.v20250130-0529\jre\bin\javaw.exe (Apr 10, 2025, 9:24:09 PM - 9:24:20 PM)

```
TYPE : Diamond    COSTS : 750 /- per ticket
TYPE : Gold       COSTS : 500 /- per ticket
TYPE : Silver     COSTS : 350 /- per ticket

Enter the Type of ticket to be booked :
silver
Enter the No of tickets to be booked :
7
Total cost for 7 SILVER type tickets is ₹2450
```

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