Singapore Tourism

**Grade settings**: Maximum grade: 100  
**Disable external file upload, paste and drop external content**: Yes  
**Run**: Yes **Evaluate**: Yes  
**Automatic grade**: Yes

Singapore Tourism conducts a special tour program in the month of October every year. This year they are celebrating their 30th anniversary. So, they decide to celebrate their anniversary by providing a discount for all tour packages that’s priced above 1000 dollars. They plan to take the passengers on a big tour around Singapore.

The input place must be one from the below mentioned names (case insensitive), Otherwise, print “<place name> is an invalid place” and terminate the program. No of Days must be greater than 0, else print “<No of Days> is an invalid days”. No of Tickets must be greater than 0, else print “<No of Tickets> is an invalid tickets”. If the bill amount is greater than or equal to 1000 dollars, then give a 15% discount. Else print the bill amount without any discount. The calculated output must be printed with 2 digit precision.

Places to visit and the ticket cost per head are given in the table below.

|  |  |
| --- | --- |
| **Place to visit** | **Price for one ticket per day (Dollars)** |
| Beach | 270 |
| Pilgrimage | 350 |
| Heritage | 430 |
| Hills | 780 |
| Falls | 1200 |
| Adventures | 4500 |

Write a Java application to calculate the bill amount based on the places to visit and number of tickets.

To get two decimal places, refer to the below-mentioned print statement:

double billAmount=750.874534;

System.out.printf(“Price: % .2f”, billAmount);

Assume that the Passenger name will always have alphabets only.

**Note:**

In the Sample Input / Output provided, the highlighted text in bold corresponds to the input given by the user and the rest of the text represents the output.

Adhere to the code template, if provided.

**Sample Input 1:**

Enter the Passenger Name

Jac

Enter the Place

pilgrimage

Enter the no of Days

7

Enter the no of Tickets

5

**Sample Output 1:**

Bill Amount is 10412.50

**Sample Input 2:**

Enter the Passenger Name

Sam

Enter the Place

Forest

**Sample Output 2:**

Forest is an invalid place

**Sample Input 3:**

Enter the Passenger Name

Jack

Enter the Place

Hills

Enter the no of Days

0

**Sample Output 3:**

0 is an invalid days

**Sample Input 4:**

Enter the Passenger Name

Robert

Enter the Place

Beach

Enter the no of Days

2

Enter the no of Tickets

-1

**Sample Output 4:**

-1 is an invalid tickets