



Holiday Advisor

 by [leandro_shp](#)

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Imagine how many people around the world are dreaming about a city break right now. Choosing the best destination is definitely a key factor in getting the most out of any holiday, whether it be a city break or a family holiday.

This is where you enter the picture. We would like to find a way to recommend destinations to Booking.com customers in a way that requires the least amount of effort from them as possible. Imagine coming to the website and we present you with exactly what you are looking for!

To help with this problem, you will have all reservation data from the past two years available to you.

Each reservation includes the following information:

- ACCOMMODATION ID
- DESTINATION ID
- CHECK-IN
- CHECK-OUT
- RESERVATION DATE
- PRICE
- USER ID
- USER LOCATION
- TRAVELLER TYPE

For each destination you will also have information of what each of them are known best for. For example, Paris is known best for Museums and Culture while Sagres is considered to be a top pick for Surfing and Beach.

How would you build this recommendation system?

Please remember, this is an open-ended question.

This is up to you to decide what information is relevant, how the input would look like and what is the output – here you have all the freedom you need.

What we expect as a submission:

- Description of how you would solve this problem and what data will be used.
- Provide some code, even in a simplified manner, to solve problems.

Please send us your submissions to codesprint@booking.com.

Submission should include:

- Code and descriptive part as attachments.
- Personal information in the email body:
 1. HackerRank Username:
 2. Name:
 3. Email:
 4. Contact details

Input Format

Input is defined by candidate

Output Format

List of destination ids to be recommended to the user

Sample Input

-

Sample Output

-

Explanation



-



Submissions: 23

Max Score: 100

Difficulty: Advanced

[More](#)

Current Buffer (saved locally, editable)  

Java 8  

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         /* Enter your code here. Read input from STDIN. Print output to STDOUT.
7         Your class should be named Solution. */
8     }
9 }
```

Line: 1 Col: 1

 [Upload Code as File](#)☐ Test against custom input[Run Code](#)[Submit Code](#)

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