**Insurance Bazaar**

Insurance Bazaar is developing an online website for showcasing various types of Insurance policies to their customers based on their needs. There are various types of Insurances provided by different insurance agencies. The admin of Insurance Bazaar wants to add different insurance policy names like Max Bupa Health Insurance, SBI Health Insurance, IFFCO Tokio Two Wheeler Insurance and New India Assurance Two Wheeler Insurance to his database with Policy ID as the Tags.

Customers can view the names of all the polices available in Insurance Bazaar based on the type of insurance.

**Write a Java program** to simulate this scenario. Key (Policy ID) should be an Integer and Value (Insurance policy name) should be a String. The key-value should be sorted based on the key. Use the appropriate Collection to Store all these details and display.

The **addPolicyDetails** method should add the Policy ID and the Policy name into the appropriate map.

The **searchBasedOnPolicyType** method should return the list of Insurance policy ID depending on the input provided. This method takes the input as string (Input can be either Health or Two Wheeler).

**The signature of the above functions are given as part of code skeleton, do not change the function signature.**

Sample Policy ID and policy names:

|  |  |
| --- | --- |
| **Policy ID** | **policy names** |
| 10654 | Max Bupa Health Insurance |
| 10321 | SBI Health Insurance |
| 20145 | IFFCO Tokio Two Wheeler Insurance |
| 20165 | New India Assurance Two Wheeler Insurance |
| 10110 | Reliance Health Insurance |

**Sample Input and Output1**

Enter the no of Policy names you want to store: **5**

Enter the Policy ID : 10654

Enter the Policy Name : Max Bupa Health Insurance

Enter the Policy ID : 10321

Enter the Policy Name : SBI Health Insurance

Enter the Policy ID : 20145

Enter the Policy Name : IFFCO Tokio Two Wheeler Insurance

Enter the Policy ID : 20165

Enter the Policy Name : New India Assurance Two Wheeler Insurance

Enter the Policy ID : 10110

Enter the Policy Name : Reliance Health Insurance

10110 Reliance Health Insurance

10321 SBI Health Insurance

10654 Max Bupa Health Insurance

20145 IFFCO Tokio Two Wheeler Insurance

20165 New India Assurance Two Wheeler Insurance

**Enter the policy type to be searched : Two Wheeler**

20145

20165

**Sample Input and Output2**

Enter the no of Policy names you want to store: 4

Enter the Policy ID: 10654

Enter the Policy Name: Max Bupa Health Insurance

Enter the Policy ID: 10321

Enter the Policy Name: SBI Health Insurance

Enter the Policy ID: 20145

Enter the Policy Name: IFFCO Tokio Two Wheeler Insurance

Enter the Policy ID: 20165

Enter the Policy Name: New India Assurance Two Wheeler Insurance

10321 SBI Health Insurance

10654 Max Bupa Health Insurance

20145 IFFCO Tokio Two Wheeler Insurance

20165 New India Assurance Two Wheeler Insurance

**Enter the policy type to be searched: Health**

10321

10654