Recruitment World(---RETIRED---)

Grade settings: Maximum grade: 100
Disable external file upload, paste and drop external content: Yes
Based on: Recruitment World(---RETIRED---)
Run: Yes **Evaluate**: Yes
Automatic grade: Yes

Recruitment World is a well-known recruitment office across the city. They wanted to get the count of Recruitment Ids based on the Office name. The manager intimates a software developer to help in their process. You, being the software developer, develop a Java program based on the requirement.

Component Specification: RecruitmentOfficeMain Class

Type (Class)	Attributes	Methods
RecruitmentOfficeMain	private Map<String, String> **recruitmentMap**	Getter and setter methods for the attribute are included in the code skeleton.

Note: *Here the recruitmentMap, holds the Key as recruitmentId and Value as officeName.*

Requirement 1: Find the number of recruitmentIds based on the given officeName.

Type (Class)	Methods	Responsibilities
RecruitmentOffice Main	public int **findCountOfRecruitmentsBasedOnTheOffice Name**(String officeName)	This method accepts officeName as an argument. If the officeName matches the officeName present in the Map, it must count the records and return the count. Else return -1.

		Condition: office Name is a case-insensitive

Requirement 2: Filter the recruitmentIds based on the officeName.

Type (Class)	Methods	Responsibilities
RecruitmentOffice Main	public List<String> **findRecruitmentIdsBasedOnTheOfficeName**(String officeName)	This method accepts a parameters, officeName. Filter the recruitment Ids based on the given officeName and return the list of recruitement IDs that matches the given officeName. *Condition: office Name is a case-insensitive*

You are provided with the main method as code template and it is excluded from evaluation.

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.
- Ensure to follow the object-oriented specifications provided in the question description.

- Ensure to provide the names for the classes, attributes, and methods as specified in the question description.
- Adhere to the code template, if provided.

Sample Input/Output 1:

Enter number of records to be added

3

Enter the records (Recruitment Id: Office name)

AGSJ545:TCS

SGFG234:CTS

JSAG872:Infosys

Enter the Office name to be searched

inFOsys

The Recruitment Ids based on inFOsys are 1

Enter the Office name to identify the Recruitment Ids

Tcs

Recruitment Ids based on the Tcs are

AGSJ545

Sample Input/Output 2:

Enter number of records to be added

2

Enter the records (Recruitment Id: Office name)

AGFS348:Teknoturf

HGHD546:Sandisc

Enter the Office name to be searched

Intel

No Recruitment Ids were found for Intel

Enter the Office name to identify the Recruitment Ids

Sandisc

Recruitment Ids based on the Sandisc are

HGHD546

Sample Input/Output 3:

Enter number of records to be added

2

Enter the records (Recruitment Id: Office name)

AGFS348:Teknoturf

HGHD546:Sandisc

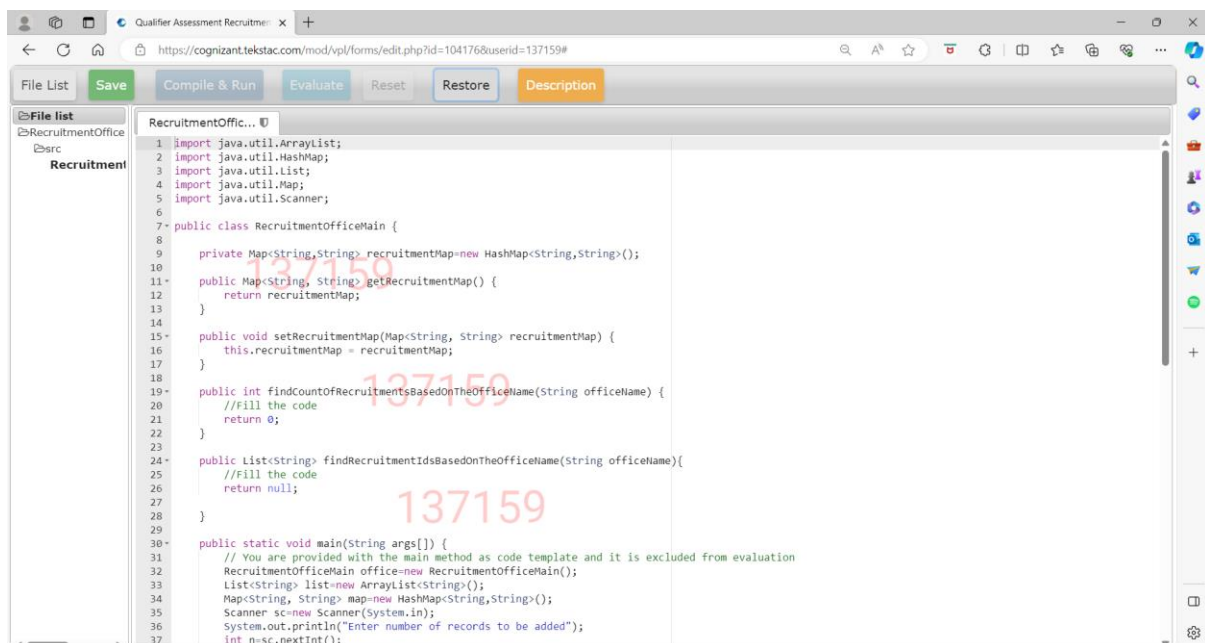Enter the Office name to be searched

Teknoturf

The Recruitment Ids based on Teknoturf are 1

Enter the Office name to identify the Recruitment Ids

Crocodile

No Recruitment Ids were found for the Crocodile


```java
import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;
import java.util.Map;
import java.util.Scanner;

public class RecruitmentOfficeMain {

    private Map<String,String> recruitmentMap=new HashMap<String,String>();

    public Map<String, String> getRecruitmentMap() {
        return recruitmentMap;
    }

    public void setRecruitmentMap(Map<String, String> recruitmentMap) {
        this.recruitmentMap = recruitmentMap;
    }

    public int findCountOfRecruitmentsBasedOnTheOfficeName(String officeName) {
        //Fill the code
        return 0;
    }

    public List<String> findRecruitmentIdsBasedOnTheOfficeName(String officeName){
        //Fill the code
        return null;
    }

    public static void main(String args[]) {
        // You are provided with the main method as code template and it is excluded from evaluation
        RecruitmentOfficeMain office=new RecruitmentOfficeMain();
        List<String> list=new ArrayList<String>();
        Map<String, String> map=new HashMap<String,String>();
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter number of records to be added");
        int n=sc.nextInt();
```

File List   Save   Compile & Run   Evaluate   Reset   Restore   Description

RecruitmentOffic...

File list
RecruitmentOffice
 src
   Recruitment

```java
24    public List<String> findRecruitmentIdsBasedOnTheOfficeName(String officeName){
25        //Fill the code
26        return null;
27
28    }
29
30    public static void main(String args[]) {
31        // You are provided with the main method as code template and it is excluded from evaluation
32        RecruitmentOfficeMain office=new RecruitmentOfficeMain();
33        List<String> list=new ArrayList<String>();
34        Map<String, String> map=new HashMap<String,String>();
35        Scanner sc=new Scanner(System.in);
36        System.out.println("Enter number of records to be added");
37        int n=sc.nextInt();
38        System.out.println("Enter the records (Recruitment Id: Office name)");
39        String [] recordDetails = new String[n];
40        for(int i=0;i<n;i++) {
41            recordDetails[i] = sc.next();
42        }
43
44        for(int i=0;i<recordDetails.length;i++) {
45            String[] a = recordDetails[i].split(":");
46
47            map.put(a[0], (a[1]));
48
49            office.setRecruitmentMap(map);
50        }
51
52
53        System.out.println("Enter the Office name to be searched");
54        String searchType=sc.next();
55
56        int count=office.findCountOfRecruitmentsBasedOnTheOfficeName(searchType);
57        if(count>0)
58        {
59            System.out.println("The Recruitment Ids based on "+searchType+" are "+count);
60        }
```

File List   Save   Compile & Run   Evaluate   Reset   Restore   Description

RecruitmentOffic...

File list
RecruitmentOffice
 src
   Recruitment

```java
48            office.setRecruitmentMap(map);
49
50        }
51
52
53        System.out.println("Enter the Office name to be searched");
54        String searchType=sc.next();
55
56        int count=office.findCountOfRecruitmentsBasedOnTheOfficeName(searchType);
57        if(count>0)
58        {
59            System.out.println("The Recruitment Ids based on "+searchType+" are "+count);
60        }
61        else
62        {
63            System.out.println("No Recruitment Ids were found for "+searchType);
64        }
65
66        System.out.println("Enter the Office name to identify the Recruitment Ids");
67        String officeName=sc.next();
68
69        list=office.findRecruitmentIdsBasedOnTheOfficeName(officeName);
70
71
72        if(list.size()>=1) {
73            System.out.println("Recruitment Ids based on the "+officeName+" are ");
74            for(String s:list)
75            {
76                System.out.println(s);
77            }
78        }
79        else
80            System.out.println("No Recruitment Ids were found for the "+officeName);
81    }
82
83 }
84
```