Orbiton Technologies - Map

Orbiton technologies conducts interviews and selects candidates for further interview process. The recruitment process consists of three rounds. A first round is conducted for all the candidates who have applied for the interview. Candidates are chosen for the second round based on their performance in the first round. Some candidates are shortlisted directly for the final interview based on certain criteria. You, being the software developer, develop a Java program to shortlist the candidates based on the requirement.

A screenshot of a computer

Description automatically generated

A screenshot of a survey

Description automatically generated

A screenshot of a white box

Description automatically generated

**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 the number of records to be added:

**6**

Enter the candidate records (candidateId : markScored):

**ORB101:75.7**

**ORB102:79.5**

**ORB103:95.3**

**ORB104:67**

**ORB105:92**

**ORB106:54**

Enter the candidate id to be searched

**ORB103**

95.3

Number of candidates shortlisted for further interview process:

4

Candidate id of the candidates shortlisted to directly attend the final interview:

ORB103

ORB105

**Sample Input/Output 2:**

Enter the number of records to be added:

**6**

Enter the candidate records (candidateId : markScored):

**ORB101:87.9**

**ORB102:65.8**

**ORB103:61.2**

**ORB104:98**

**ORB105:84**

**ORB106:54**

Enter the candidate id to be searched

**ORB108**

ORB108 is an invalid candidate id

Number of candidates shortlisted for further interview process:

3

Candidate id of the candidates shortlisted to directly attend the final interview:

ORB104