

Create a class Vote with the below attributes:

voterId – int

voterName – String

voterAge – int

isVoteCasted – boolean

constituency – String

The above attributes should be private. Write getters, setters and parameterized constructor as required.

Create class MyClass with main method.

Implement two static methods – findTotalVotesCastedByConstituency and searchVoterByAge in Solution class.

findTotalVotesCastedByConstituency method – This method will take two input parameters – array of Voter objects and String parameter. The method will return the total number of votes casted from array of Voter objects for the given Constituency (String parameter passed).

If no Vote has been casted for the given constituency in the array of Voter objects, then the method should return 0.

searchVoterByAge method – This method will take an array of Voter objects as a parameter. The method will return Voter object array in an ascending order of their voterId, from the array of Voter objects where voterAge is less than 30.

If no voter with age less than 30 is present in the array of Voter objects, then the method should return null.

Note: No two voter objects would have the same voterId.

All the searches should be case insensitive.

The above mentioned static methods should be called from the main method.

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For findTotalVotesCastedByConstituency method – The main method should print the total number of votes casted as it is, if the returned value is greater than 0, or it should print “No votes casted”

For searchVoterByAge method – The main method should print the voterId from the returned Voter object array if the returned value is not null.  
If the returned value is null, then it should print “No such voters”.

Before calling these static methods in main, use Scanner object to read the values of four Voter objects referring attributes in the above mentioned attribute sequence.  
Next, read the value of String parameter for capturing the constituency.

## Explanation

We need to develop a java code which creates two classes i.e MyClass and Vote.

In solution class, we need to write main() method and initialize all variables in this method.

Create two static methods in the Solution class i.e.

**findTotalVotesCastedByConstituency and searchVoterByAge**

Apply the required logic in these static methods by following all the constraints in the question and return the results to the main() method.

Finally, display all the results what we got to the output screen.