

6. Today, you are going to create a Voter class that stores three fields:

String name, int activeYear, Candidate mayorVote

1. Create the appropriate instance variables and class.
2. Create a constructor for Voter that takes a String name and a Candidate mayorVote for the Voter and uses them for initialization. Have the activeYear for the Voter be set to 2018 upon instantiation.
3. Implement accessor methods for each variable (name, mayorVote, and activeYear).
4. Make a mutator method called exactMatch that changes the Voter name. This method should also change the activeYear to 0 (inactive) if the voter's new name contains a hyphen (-).
5. Make a mutator method called inactivateVoter that changes a voter's activeYear to 0 if called.
6. Finally, write a method called toString that returns the following:

If the voter is inactive, prints: "<Voter name> is inactive."

If the voter is active (activeYear does not equal 0): "<Voter name> voted for <Candidate Name> who is of the <Candidate Party> Party in <Voter activeYear>."

The definition for Candidate is found below:

```
public class Candidate
{
    private final String name;
    private final String party;
    public Candidate(String newName, String newParty){
        name = newName;
        party = newParty;}
    public String obtainName()
        { return name;}
    public String returnParty()
        {return party;}}
```

Write your answer here:

