

## Class with main method

```
/**
 * A app to count votes for political candidates
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 * @date February 1, 2016
 */
public class VoteCounter {

    /** Adds a vote for the selected candidate */
    public static void vote(Candidate candidate) {
        candidate.addVote();
    }

    /**
     * Carries out the voting process
     * @param args Command line arguments
     */
    public static void main(String[] args) {

        // create some candidates
        Candidate hillary = new Candidate("Hillary Clinton");
        Candidate bernie = new Candidate("Bernie Sanders");

        // vote for candidates
        for (int i=0; i < 85383; i++) {
            vote(hillary);
        }
        for (int i=0; i < 84698; i++) {
            vote(bernie);
        }

        // print the results as *percentages*
        System.out.println(hillary.getName() + " has " +
            hillary.getPercentage() + " percent of the votes.");
        System.out.println(bernie.getName() + " has " +
            bernie.getPercentage() + " percent of the votes.");
    }
}
```

## Class with constructor

```
public class Candidate {
```

What does this code do?

```
import java.util.Arrays;

public class ArrayTester {

    public static void main(String[] args) {

        int[] origArray = new int[10]; // create a new array
        int[] newArray = origArray;    // assign newArray the value of origArray
        origArray[4] = 5;

        System.out.println(Arrays.toString(newArray));

    }
}
```