

FIND THE MAXIMUM OCCURRING WORD

In this coding exercise, you will develop a Java method that finds the maximum occurring word in a text. In this coding exercise you will not be given what you will do step by step. You will be given a main method that has some statements and its output which will help you develop missing method body. You can use any helper classes and methods if you need.

1. The main method

```
public static void main(String[] args) {  
    String text1 = "A B C D E"; public static String maxOccuringWord(String text) {  
        System.out.println(maxOccuringWord(text1));  
  
        String text2 = "A B C D E E";  
        System.out.println(maxOccuringWord(text2));  
  
        String text3 = "A A C D E E";  
        System.out.println(maxOccuringWord(text3));  
  
        String text4 = "A E C D E E";  
        System.out.println(maxOccuringWord(text4));  
  
        String text5 = "A E      C D E      E      ";  
        System.out.println(maxOccuringWord(text5));  
  
        String text6 = null;  
        System.out.println(maxOccuringWord(text6));  
    }
```

2. The output of the main method

```
A  
E  
A  
E  
E  
null
```

3. The method signature

```
public static String maxOccuringWord(String text) {  
  
    //complete method body  
}
```