

Code:

```
public class a1_Assignment {  
  
    public static void main(String[] args) {  
        String str = "Hello World";  
        int len = str.length();  
        char[] str1 = new char[len];  
        char[] str2 = new char[len];  
  
        for (int i = 0; i < len; i++) {  
            str1[i] = (char) (str.charAt(i) & 127);  
            str2[i] = (char) (str.charAt(i) ^ 127);  
        }  
  
        System.out.println("AND operation: " + new String(str1));  
        System.out.println("XOR operation: " + new String(str2));  
    }  
}
```

Output :

AND operation: Hello World

XOR operation: 7_(