String Taks

1. Get the character at the given index within the String:

```
public class CharacterAtIndex {
   public static void main (String[] args) {
      String str = "Sybil Jacob!";
      int index = 7;
      char ch = str.charAt(index);
      System.out.println("Character at index " + index + ": " + ch);
   }
}
```

Output

Character at index 7: a

2. Convert all the words' first letter into capital for given String:

```
public class CapitalizeWords {
   public static void main(String[] args) {
      String s = "java standard edition";
      String[] words = s.split(" ");
      StringBuilder capitalized = new StringBuilder();
      for (String word : words) {
         capitalized.append(word.substring(0, 1).toUpperCase())
               .append(word.substring(1)).append(" ");
      }
      System.out.println("Capitalized String: " + capitalized.toString().trim());
   }
}
```

Output

Capitalized String: Java Standard Edition

3. Test if a given string contains the specified sequence of char values:

```
public class ContainsSequence {
   public static void main(String[] args) {
      String str = "welcome to hyderabad";
      String sequence = "hyder";
```

```
    boolean contains = str.contains(sequence);
    System.out.println("Contains '" + sequence + "': " + contains);
  }
}
```

Output

```
Contains 'hyder': true
```

4. Check whether a given string ends with the contents of another string:

```
public class EndsWithCheck {
  public static void main(String[] args) {
    String str1 = "welcome to hyderabad";
    String str2 = "bad";
    boolean endsWith = str1.endsWith(str2);
    System.out.println("Ends with '" + str2 + "': " + endsWith);
  }
}
```

Output

```
Ends with 'bad': true
```

5. Count the number of words present in the given string:

```
public class WordCount {
  public static void main(String[] args) {
    String str = "I am sybil jacob";
    String[] words = str.split("\s+");
    System.out.println("Number of words: " + words.length);
  }
}
```

Output

```
Number of words: 4
```

6. Print the capital letters from string:

```
public class PrintCapitalLetters {
  public static void main(String[] args) {
    String str = "Hi I Am Tony";
    for (char ch : str.toCharArray()) {
      if (Character.isUpperCase(ch)) {
```

```
            System.out.print(ch + " ");
        }
      }
    }
}
```

Output

H I A T

7. Convert the second occurrence of 'l' into capital:

```
public class ConvertSecondOccurrence {
   public static void main(String[] args) {
      String str = "super college";
      int firstIndex = str.indexOf('l');
      int secondIndex = str.indexOf('l', firstIndex + 1);
      if (secondIndex != -1) {
         str = str.substring(0, secondIndex) + 'L' + str.substring(secondIndex + 1);
      }
      System.out.println("Updated String: " + str);
   }
}
```

Output

Updated String: super colLege

8. Convert a specific word to uppercase in a given string:

```
public class ConvertWordToUpperCase {
   public static void main(String[] args) {
      String str = "good morning";
      String updatedStr = str.replace("good", "GOOD");
      System.out.println("Updated String: " + updatedStr);
   }
}
```

Output

Updated String: GOOD morning