**1) Write a Java program to get the character at the given index within the String**

public class GetChar{

    public static void main(String[] args) {

        String str = "good morning!";

        int index = 5;

        char result = str.charAt(index);

        System.out.println("Character at index " + index + ": " + result);

    }

}

**2) Write a Java program to convert all the words first letter into capital for given String?** (String s=”java standard edition”)

public class CapitalizeFirstLetter {

    public static void main(String[] args) {

        String s = "java standard edition";

        String[] words = s.split(" ");

        StringBuilder result = new StringBuilder();

        for (String word : words) {

    result.append(Character.toUpperCase(word.charAt(0))).append(word.substring(1)).append(" ");

        }

        System.out.println(result.toString().trim());

    }

}

**3) Write a Java program to test if a given string contains the specified sequence of char values….match() “welcome to carrertuner”**

public class ContainsSequence {

    public static void main(String[] args) {

        String str = "welcome to carrertuner";

        String sequence = "carrertuner";

        if (str.contains(sequence)) {

            System.out.println("The string contains the specified sequence.");

        } else {

            System.out.println("The string does not contain the specified sequence.");

        }

    }

}

**4) Write a Java program to check whether a given string ends with the contents of another string (endsWith())**

public class EndsWith {

    public static void main(String[] args) {

        String str1 = "hello world";

        String str2 = "world";

        if (str1.endsWith(str2)) {

            System.out.println("The string ends with the specified contents.");

        } else {

            System.out.println("The string does not end with the specified contents.");

        }

    }

}

**5) Count the number of words present in the given string?**

public class WordCount {

    public static void main(String[] args) {

        String str = "Count the number of words present in the given string";

        String[] words = str.split("\\s+");

        System.out.println("Number of words: " + words.length);

    }

}

**6) Print the capital letters from string?**

public class PrintCapitalLetters {

    public static void main(String[] args) {

        String str = "Print All Capital Letters";

        for (char ch : str.toCharArray()) {

            if (Character.isUpperCase(ch)) {

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

            }

        }

    }

}

**7) Convert the second occurrence of ‘ l ’ into capital from “bvrit college”. lastIndexOf(‘l’)==index-9àtoUppercase**

public class ConvertSecondOccurrence {

    public static void main(String[] args) {

        String str = "bvrit college";

        int firstOccurrence = str.indexOf('l');

        int secondOccurrence = str.indexOf('l', firstOccurrence + 1);

        if (secondOccurrence != -1) {

            StringBuilder result = new StringBuilder(str);

            result.setCharAt(secondOccurrence, Character.toUpperCase(str.charAt(secondOccurrence)));

            System.out.println(result.toString());

        } else {

            System.out.println("The character 'l' does not occur twice in the string.");

        }

    }

}

**8) Convert the word from small letter to capital letter word in given String ?**

**String s =”b.v.raju college” //convert raju into capital.**

public class CapitalizeWord {

    public static void main(String[] args) {

        String s = "b.v.raju college";

        String wordToCapitalize = "raju";

        String capitalizedWord = wordToCapitalize.toUpperCase();

        String result = s.replaceAll("\\b" + wordToCapitalize + "\\b", capitalizedWord);

        System.out.println(result);

    }

}