ASSGINMENT-11

20BCSE50_Kumar Jijnasu_CSE-C1-08

1..

```
public class StringDays {
    static void swap(String w[],int i,int j)
    {
        String s=w[i];
        w[i] = w[j];
        w[j] = s;
    }
    public static void main(String[] args) {
        String days = "Monday Tuesday Wednesday Thursday Friday Saturday Sunday";
        String words[]=days.split(" ");
        // System.out.println(words[0]);
        for(int i=0;i<words.length/2;i++)
            swap(words,i,words.length-1-i);

        for(int i=0;i<words.length;i++)
            System.out.print(words[i]+"  ");
    }
}
```

2..

```
public class RemoveMultiSpaces {

    public static void main(String[] args) {
        String str = "  String     With    Multiple Spaces ";
        System.out.println("Given String: "+str);

        System.out.print("Result : "+str.replaceAll("\\s+", " ").trim());

    }
}
```

3..

```
public class SortString {

    static void swap(String w[],int i,int j)
    {
        String s=w[i];
        w[i] = w[j];
        w[j] = s;
    }
```

```
    static void sort(String s[])
    {
        for(int i=0;i<s.length;i++)
            for(int j=0;j<s.length-1-i;j++)
                if(s[j].compareTo(s[j+1])>0)
                    swap(s, j, j+1);

    }
    public static void main(String[] args) {

        String arr[]="Ram John Harish Anand Ajay".split(" ");

        System.out.println("The array is :");
        for(int i=0;i<arr.length;i++)
            System.out.print(arr[i]+",  ");

        sort(arr);
        System.out.println("\nAfter Sorting : ");
        for(int i=0;i<arr.length;i++)
            System.out.print(arr[i]+",  ");

    }
}
```

4..

```
public class PrintSubString {

    public static void main(String[] args) {
        String s = "shore";
        for(int i=0;i<s.length();i++)
            for(int j=i;j<s.length();j++)
            {
                for(int k=i;k<j+1;k++)
                    System.out.print(s.charAt(k));
                System.out.println();
            }

    }
}
```

5..

```
import java.util.Scanner;

public class StringReverse {
    public static void main(String[] args) {
```

```
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter the string: ");
        String s=sc.nextLine();

        System.out.print("Reverse the string: ");
        for(int i=s.length()-1;i>=0;i--)
            System.out.print(s.charAt(i));
    }
}
```

6..

```
import java.util.Dictionary;
import java.util.HashMap;
import java.util.Scanner;

public class Occurrence {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter the string: ");
        String s=sc.nextLine();

        HashMap<Character,Integer> map = new HashMap<>();
        for(int i=0;i<s.length();i++)
            if(!map.containsKey(s.charAt(i)))
                map.put(s.charAt(i), 1);
            else
                map.put(s.charAt(i),map.get(s.charAt(i))+1);

        for(char c:map.keySet())
            System.out.println("The character "+c+" has occured "+map.get(c)+" times.");

    }
}
```

7..

```
import java.util.Scanner;

public class CamelCase {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        String s = new String("india is great");
        System.out.print("Enter the string: ");
        s=sc.nextLine();


        String ar[]=s.split("");
```

```
        ar[0] = ar[0].toUpperCase();
        for(int i=0;i<ar.length;i++)
            if(ar[i].compareTo(" ")==0 && i+1<ar.length)
                ar[i+1]=ar[i+1].toUpperCase();

        s = String.join("", ar);
        System.out.println(s);

    }
}
```