

CSE18R272-LAB MANUAL

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION

COMPUTER SCIENCE AND EDUCATION

Name: KODALI GNANA PRAKASH

Regno: 9919004140

Section: A5

Course name: java programming

Course Code: CSE18R272

Date: 14-10-2020

DAY: Wednesday

EXERCISE – 5 :

1. Write a Java program to sort a list of names in ascending order.

SOURCE CODE:

```
import java.io.*;

public class Main
{
    public static void main(String[] args) throws IOException{
        String name[] = new String[5];
        String temp="";
        int i=0;
        BufferedReader br = new BufferedReader(new
InputStreamReader(System.in));
        for(i=0;i<5;i++){
            name[i]=br.readLine();
        }
        for (i = 0; i < 5; i++)
        {
            for (int j = i + 1; j < 5; j++)
            {
                if (name[i].compareTo(name[j])>0)
                {
                    temp = name[i];
                    name[i] = name[j];
                    name[j] = temp;
                }
            }
        }
        System.out.println("names in alphabetical order");
        for(i=0;i<5;i++){
```

```

        System.out.println(name[i] + " ");
    }
}
}

```

2. Write a Java program to concatenate a given string with itself of a given number of times.

SOURCE CODE:

```

import java.io.*;

public class Main
{
    public static void main(String[] args) throws IOException{
        String name;
        String temp="";
        int n;
        int i=0;

        BufferedReader br = new BufferedReader(new
InputStreamReader(System.in));

        name=br.readLine();
        n = Integer.parseInt(br.readLine());

        for(i=0;i<n;i++){
            temp+=name;
        }

        System.out.println("printing name as given no of times " + temp);
    }
}

```

3. Write a Java program to counts occurrences of a certain character in a given string.

SOURCE CODE:

```
import java.io.*;

public class Main
{
    public static void main(String[] args) throws IOException{
        String name;
        int i=0;
        int count=0;
        char ch;

        BufferedReader br = new BufferedReader(new
InputStreamReader(System.in));
        name=br.readLine();
        ch = br.readLine().charAt(0);
        for(i=0;i<name.length();i++){
            if(name.charAt(i)==ch){
                count++;
            }
        }
        System.out.println("the input is | "+ name);
        System.out.println("total num of occurences of "+ ch + " is " + count);

    }
}
```