**Date:**14-10-2020

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Course Name : Java Programming language

Course Code : CSE18R272

Section : A5

EX-5:

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

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 ascending order are :”);

For(i=0;i<5;i++){

System.out.println(name[i] + “ “);

}

}

}

Input:

Tarun

Dinesh

Prakash

Ayaz

Lava

Output:

Names in ascending order are :

Ayaz

Dinesh

Lava

Prakash

Tarun

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

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("concatenated string : " + temp);

}

}

input:

Tarun

3

output:

concatenated string : TarunTarunTarun

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

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("Given i/p : "+ name);

System.out.println("no.of occurences of "+ ch + " is " + count);

}

}

input:

this is java programming language

i

Output:

Given i/p : this is java programming language

no.of occurences of i is 3