**CODITUDE 1.0**

**NAME : TANVI VIRDI**

**CLASS : MCA TYC**

**SEMESTER : 4th**

**EMAIL ID : [tvirdi24@gmail.com](mailto:tvirdi24@gmail.com)**

**INTRODUCTION :** I am a student of MCA TYC 4th with an overall CGPA of 9.51. I have also studied .NET, JAVA, HTML 5, CSS3, JAVASCRIPT, SQL courses online. I am hardworking and willing to learn new things.

**Which type of job are you looking for :** I am flexible to job that matches my interest areas.

**How you are preparing yourself for that job :** I am learning new concepts and practising to enhance my programming skills.

**How confident are you that you will get that job :** I am quite confident because I am preparing well for that.

**Where do you see yourself in 5 years :**

**TIMINGS**

**Any problem with 5pm-7pm batch timings?** Yes

**ASSIGNMENT 1**

**/\*WAP to swap the values of two numbers. Use separate function\*/**

import java.util.\*;

class swapping {

public void change() {

int x,y,z;

Scanner s=new Scanner(System.in);

x=s.nextInt();

y=s.nextInt();

System.out.println("value of x : "+x+"\nvalue of y : "+y);

z=x;

x=y;

y=z;

System.out.println("value of x : "+x+"\nvalue of y : "+y);

}

}

public class Swap {

public static void main(String[] args) {

swapping sw=new swapping();

sw.change();

}

}

**/\* Any character is entered by the user. WAP to determine whether the character entered is a capital letter or small letter or digit or none of these\*/**

import java.util.\*;

public class Letter1 {

public static void main(String[] args) {

char let;

Scanner s=new Scanner(System.in);

System.out.println("enter a uppercase or lowercase letter or a digit:");

let=s.next().charAt(0);

if(let>='A' && let<='Z')

System.out.println("CAPITAL LETTER!");

else if(let>='a' && let<='z')

System.out.println("SMALL LETTER!");

else if(let>='0' && let<='9')

System.out.println("DIGIT PRESSED!");

else

System.out.println("SPECIAL CHARACTER!");

}

}

**/\*Write a C++ program to find the largest and smallest element of an array\*/**

#include<iostream.h>

#include<conio.h>

void main()

{

int a[10],n,i,temp,j;

cout<<"enter number of elements:";

cin>>n;

cout<<"enter elements of an array:";

for(i=0;i<n;i++)

cin>>a[i];

for(j=0;j<n;j++) {

for(i=0;i<j;i++) {

if(a[i]>a[i+1]) {

temp=a[i];

a[i]=a[i+1];

a[i+1]=temp;

}

}

}

cout<<"smallest :"<<a[0];

cout<<"largest :"<<a[n-1];

getch();

}

**/\*WAP to find the sum of the following series: 22,21,23,22,24,23…n\*/**

import java.util.\*;

public class Series {

public static void main(String[] args) {

int n, t1=0,t2=1,i, sum;

System.out.println("enter number : ");

Scanner s=new Scanner(System.in);

n=s.nextInt();

System.out.print(t1);

for(i=1;i<=n;i++) {

System.out.print(" + " + t1 );

sum=t1+t2;

t1=t2;

t2=sum;

}