**CSA0971 JAVA PROGRAMMING**

**DAILY CODE ASSIGNMENT**

**DAY-1**

**1)WRITE A JAVA PROGRAM TO DISPLAY THE WORD?**

**SOLUTION: -**

**import java.lang.\*;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**System.out.println("Hello World");**

**}**

**}**

**2) WRITE A JAVA PROGRAM TO ADD TWO NUMBERS?**

**SOLUTION: -**

**import java.lang.\*;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**int a=5;**

**int b=45;**

**int sum=a+b;**

**System.out.println("Sum:"+sum);**

**}**

**}**

**3) WRITE A JAVA PROGRAM TO FIND THE AREA OF THE CIRCLE?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**float radius,area;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the radius:");**

**radius=in.nextFloat();**

**area= 3.14f\*radius\*radius;**

**System.out.println("Area:"+area);**

**}**

**}**

**4) WRITE A JAVA PROGRAM TO ADD TWO NUMBERS WITH USER INPUT?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**int a,b,sum;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the value of a:");**

**a=in.nextInt();**

**System.out.println("enter the value of b:");**

**b=in.nextInt();**

**sum=a+b;**

**System.out.println("Sum:"+sum);**

**}**

**}**

**5) WRITE A JAVA PROGRAM TO CALCULATE THE AREA OF RECTANGLE?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**float l,b,area;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the length of the rectangle:");**

**l=in.nextInt();**

**System.out.println("enter the breath of the rectangle:");**

**b=in.nextInt();**

**area=l\*b;**

**System.out.println("Area:"+area);**

**}**

**}**

**6) WRITE A JAVA PROGRAM TO CALCULATE THE AREA OF TRIANGLE?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**float h,b,area;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the base of the triangle:");**

**b=in.nextInt();**

**System.out.println("enter the height of the triangle:");**

**h=in.nextInt();**

**area=0.5f\*b\*h;**

**System.out.println("Area:"+area);**

**}**

**}**

**7) WRITE A JAVA PROGRAM TO CALCULATE VOLUME OF THE SPHERE?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**float radius,volume;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the radius of the sphere:");**

**radius=in.nextInt();**

**volume=1.33f\*3.14f\*radius\*radius\*radius;**

**System.out.println("Volume:"+volume);**

**}**

**}**

**8) WRITE A JAVA PROGRAM TO CONVERT FAHRENHEIT TO CELCIUS?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**float fah,cel;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the fahrenheit:");**

**fah=in.nextFloat();**

**cel=(fah-32)\*0.55f;**

**System.out.println("Celsius:"+cel);**

**}**

**}**

**9) WRITE A JAVA PROGRAM TO CONVERT CELSIUS TO FAHRENHEIT?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**float fah,cel;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the Celsius:");**

**cel=in.nextFloat();**

**fah=(cel\*1.8f)+32;**

**System.out.println("Fahrenheit:"+fah);**

**}**

**}**

**10) WRITE A JAVA PROGRAM TO CALCULATE THE SIMPLE INTREST?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**float p,r,si;**

**int t;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the principle amount:");**

**p=in.nextFloat();**

**System.out.println("enter the year:");**

**t=in.nextInt();**

**System.out.println("enter the rate of interest:");**

**r=in.nextFloat();**

**si=(p\*r\*t)/100;**

**System.out.println("simple interest:"+si);**

**}**

**}**

**11) WRITE A JAVA PROGRAM TO SWAP TWO VARIABLES?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**int a,b,temp;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the value of a:");**

**a=in.nextInt();**

**System.out.println("enter the value of b:");**

**b=in.nextInt();**

**System.out.println("the value of a and b before swapping is:"+a+" & "+b);**

**temp=a;**

**a=b;**

**b=temp;**

**System.out.println("the value of a and b after swapping is:"+a+" & "+b);**

**}**

**}**

**12) WRITE A JAVA PROGRAM TO FIND THE QUOTIENT AND REMAINDER OF GIVEN NUMBER?**

**SOLUTION: -**

**import java.lang.\*;**

**import java.util.Scanner;**

**class Main**

**{**

**public static void main(String[] args)**

**{**

**int a,b;**

**Scanner in = new Scanner(System.in);**

**System.out.println("enter the value of a:");**

**a=in.nextInt();**

**System.out.println("enter the value of b:");**

**b=in.nextInt();**

**System.out.println("QUOTIENT :"+a/b);**

**System.out.println("REMAINDER :"+a%b);**

**}**

**}**