Java day 1 assignment

1. import java.util.Scanner;

public class number{

public static void main(String[] args){

Scanner sc=new Scanner (System.in);

System.out.println("Enter the number:");

int num=sc.nextInt();

sc.close();

System.out.println("the number entered by the user is:"+num);

}

}

1. import java.util.Scanner;

public class PositiveNegative{

public static void main(String[] args){

Scanner sc=new Scanner (System.in);

System.out.print("enter a number:");

int num=sc.nextInt();

if(num>0){

System.out.println("number is Positive");

}

else{

System.out.println("number is Negative");

}

}

}

1. import java.util.Scanner;

public class Adittion{

public static void main(String[] args){

Scanner sc=new Scanner(System.in);

System.out.println(“enter the first number:”);

int firstnum=sc.nextInt();

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

int secondnum=sc.nextInt();

int sum=firstnum+secondnum;

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

}

}

1. public class Asciivalue{

public static void main(String[] args){

char c=’e’;

int ascii= c;

System.out.println(“the ASCII value of “+c+” is:”+ascii);

}

}

1. import java.util.Scanner;

public class Demo{

public static void main(String[] args)

Scanner scan=new Scanner (System.in);

System.out.println(“enter the first number:”);

Int num1=scan.nextInt();

System.out.println(“enter the second number :”);

Int num2=scan.nextInt();

scan.close();

int product =num1\*num2;

system.out.ptintln(“output:”+product);

}

}

1. import java.util.Scanner;

class AreaTriangleDemo{

public static void main(String [] args){

Scanner scanner =new Scanner(System.in);

System.out.println(“enter the width of the triangle:”);

double base = scanner.nextDouble();

System.out.println(“enter the height of the triangle:”)

double height= scanner.nextDouble();

double area=(base\*height)/2;

system.out.println(“area of triangle is :” +area);

}

}

1. import java.util.Scanner ;

class CheckEvenOdd{

public static void main(String args[])

{

int num;

System.out.ptintln(“enter an integer :”);

Scanner input=new Scanner(System .in);

num=input.nextInt();

if(num%==0)

System.out.println(“entered number is even:”);

else

System.out.ptintln(“entered number is odd:”);

}

}

1. public class Swap{

public static void main(String args[]){

int x=100,y=200;

System.out.println(“before swap:”);

System.out.println(“x= “ + x);

System.out.println(“y= “ +y);

Int temp =x;

x = y;

y = temp;

System.out.println(“after swap:”);

System.out.println(“x= “ +x);

System.out.println(“y=”+y);

}

}

1. import java.util.Scanner;

public class LargestNumber{

public static void main(String[] args){

Scanner sc=new Scanner (System.in);

System.out.println(“enter the first number:”);

Int num1=sc.nextInt();

System.out.println(“enter the second number :”);

Int num2=sc.nextInt();

System.out.println(“enter the third number:”);

Int num3=sc.nextInt();

Int largest;

Largest=(num1>num2);

(num1>num2?num1:num2);

(num2>num3?num2:num3);

System.out.println(“largest number is “+largest);

}

}

1. import java.util.Scanner;

public class SmallestNumber{

public static void main(String[] args){

Scanner sc=new Scanner (System.in);

System.out.println(“enter the first number:”);

Int num1=sc.nextInt();

System.out.println(“enter the second number :”);

Int num2=sc.nextInt();

System.out.println(“enter the third number:”);

Int num3=sc.nextInt();

Int Smallest;

Smallest=(num1>num2);

(num1<num2?num1:num2);

(num2<num3?num2:num3);

System.out.println(“Smallest number is “+Smallest);

}

}

12.import java.util.Scanner;

Public class VowelConsonent{

Public static void main(String args[]){

Boolean bool=false;

System.out.println(“enter a character:”);

Scanner sc=new Scanner(System.in);

Char ch=sc.next().charAt(0);

Switch(ch){

case ‘A’:

case ‘E’:

case ‘I’:

case ‘O’:

case ’U’:

case ‘a’:

case ‘e’:

case ‘I’:

case ‘o’:

case ‘u’: bool =true;

}

If(bool==true){

System.out.println(“given character is vowel;”)

}

else{

System.out.println(“given character is a consonant:”);

}

}

}

13. import java.util.Scanner;

Public class CodesCraker

{

Public static void main(String[] args){

float a,b,res;

Int choices;

Scanner scan=new

Scanner(System.in);

System.out.println(“1.addition”);

System.out.println(“2.subtraction”);

System.out.println(“3.multiplication”);

System.out.println(“4.division”);

System.out.println(“enter your choices (1-4)”);

Choice=scan.nextInt();

If(choices>=1 && choice<=4)

{

System.out.println(“\n Enter any two number”)

a=scan.nextFloat();

b=scam.nextFloat();

if(choice==1)

res=a+b;

else if(choice==2)

res=a-b;

else if(choice ==3)

res=a\*b;

else(choice==4)

res=a/b;

System.out.println(“\n Result=”+res);

}

else

System.out.println(“\n invalied choice”);

}

}

1. import java.util.Scanner;

public class Largestof3{

public static void main (String[] args){

Scanner sc=new Scanner(System.in)

System.out.print(“enter the first number:”);

Int num1=sc.nextInt();

System.out.println( “enter the second number:”);

Int num2=sc.nextInt();

System.out.println(“enter the third number:”);

Int num3=sc.nextInt();

If(num1>num2 && num1>=num3)

System.out.println(num1 + “is the largest number:”);

else if(num 2>=num1 && num2>=num3)

System.out.println(“ num2+” is the largest number:”);

else

System.out.println(“num3+” is the largest number:”);

}

}