1. Add two numbers

public class add {

public static void main(String args[]){

Scanner sc = new Scanner (System.in);

System. out. print ("Enter the first number:");

int Firstnum = sc.nextInt ();

System. out.print ("Enter the second number:");

int secondnum = sc.nextInt();

int sum= Firstnum+ secondnum;

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

}

}

o/p

Enter the first number:5

Enter the second number:13

Sum: 18

1. Area of trainagle

public class areaofTriangle {

public static void main(String args[]){

float b=6,h=20,area;

area = (b\*h)/2;

System.out.println("Area of triangle is"+area);

}

}

o/p

Area of triangle is 60.0

1. Check num is positive or negative

public class posneg {

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");

}

}

o/p

Enter a number: 47

Number is Positive

1. Add two numbers

public class add {

public static void main(String args[]){

Scanner sc = new Scanner (System.in);

System. out. print ("Enter the first number:");

int Firstnum = sc.nextInt ();

System. out.print ("Enter the second number:");

int secondnum = sc.nextInt();

int sum= Firstnum+ secondnum;

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

}

}

o/p

Enter the first number:4

Enter the second number:5

Sum: 9

1. Find ascii value of a character

public class ascii {

public static void main(String[] String)

{

int ch1 = 'a';

int ch2 = 'b';

System.out.println("The ASCII value of a is: "+ch1);

System.out.println("The ASCII value of b is: "+ch2);

}

}

o/p

The ASCII value of a is: 97

The ASCII value of b is: 98

1. Multiply two numbers

public class multiply {

public static void main(String args[]){

Scanner sc = new Scanner (System.in);

System. out. print ("Enter the first number:");

int Firstnum = sc.nextInt ();

System. out.print ("Enter the second number:");

int secondnum = sc.nextInt();

int product= Firstnum \* secondnum;

System.out.println( "Product of two number is: "+product) ;

}

}

o/p

Enter the first number:4

Enter the second number:5

Product of two number is: 20

1. Check if the number is odd or even

public class oddeven {

public static void main(String args[]){

Scanner sc = new Scanner (System.in);

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

int num = sc.nextInt ();

if (num %2==0)

System.out.println( "Number is even: ");

else

System.out.println("Number is odd");

}

}

o/p

Enter a number:6

Number is even:

1. Swap two numbers

public class swap {

public static void main(String args[]){

int firstnum = 6 , secondnum = 9 , temp;

temp = firstnum;

firstnum = secondnum;

secondnum = temp;

System.out.println("The values of First number is:"+firstnum);

System.out.println("The values of Second number is:"+secondnum);

}

}

o/p

The values of First number is:9

The values of Second number is:6

1. Find the largest of three num using ternary operator

public class largestnum {

public static void main(String args[]){

int firstnum ,secondnum , thirdnum,largest;

Scanner sc = new Scanner(System.in);

System.out.println("Enter 1st number");

firstnum = sc.nextInt();

System.out.println("Enter 2nd number");

secondnum = sc.nextInt();

System.out.println("Enter 3rd number");

thirdnum = sc.nextInt();

largest = firstnum > secondnum ?(firstnum > thirdnum? firstnum:thirdnum):(secondnum >thirdnum?secondnum:thirdnum);

System.out.println("The largest number is :"+largest);

}

}

o/p

Enter 1st number

12

Enter 2nd number

34

Enter 3rd number

22

The largest number is :34

1. Find the smallest of three num using ternary operator

public class smallest {

public static void main(String args[]){

int firstnum ,secondnum , thirdnum,smallest;

Scanner sc = new Scanner(System.in);

System.out.println("Enter 1st number");

firstnum = sc.nextInt();

System.out.println("Enter 2nd number");

secondnum = sc.nextInt();

System.out.println("Enter 3rd number");

thirdnum = sc.nextInt();

smallest = firstnum < secondnum ?(firstnum < thirdnum? firstnum:thirdnum):(secondnum <thirdnum?secondnum:thirdnum);

System.out.println("The smallest number is :"+smallest);

}

}

o/p

Enter 1st number

12

Enter 2nd number

23

Enter 3rd number

7

The smallest number is :7

1. Find largest of three numbers using if else

public class largestifelse {

public static void main(String args[]){

int firstnum ,secondnum , thirdnum,largest;

Scanner sc = new Scanner(System.in);

System.out.println("Enter 1st number");

firstnum = sc.nextInt();

System.out.println("Enter 2nd number");

secondnum = sc.nextInt();

System.out.println("Enter 3rd number");

thirdnum = sc.nextInt();

if (firstnum > secondnum && firstnum > thirdnum)

System.out.println("The largest number is"+firstnum);

else if (secondnum > thirdnum && secondnum > firstnum)

System.out.println("The largest number is"+secondnum);

else

System.out.println("The largest number is"+thirdnum);

}

}

o/p

Enter 1st number

45

Enter 2nd number

66

Enter 3rd number

23

The largest number is66

1. Check if a char is vowel or constant

public class vowel {

public static void main(String[] args) {

char ch = 'a';

switch (ch) {

case 'a':

case 'e':

case 'i':

case 'o':

case 'u':

System.out.println(ch + " is vowel");

break;

default:

System.out.println(ch + " is consonant");

}

}

}

o/p

a is vowel

1. Simple calculator

public class simplecal {

public static void main(String[] args) {

int num1,num2;

float output=0;

char operator;

Scanner sc = new Scanner(System.in);

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

num1=sc.nextInt();

operator=sc.next().charAt(0);

num2=sc.nextInt();

switch(operator)

{

case '+':

output=num1+num2;

break;

case '-':

output=num1-num2;

break;

case '\*':

output=num1\*num2;

break;

case '/':

output=num1/num2;

break;

default :

System.out.println("invalid operation");

break;

}

System.out.println("The Output Is:"+output);

}

}

o/p

Enter the values:

6 \* 8

The Output Is:48.0