1. Write a Java program to get a number from the user and print whether it is positive or negative.

Solution:

**package** practice2;

**import** java.util.\*;

**public** **class** FindNumber {

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

// **TODO** Auto-generated method stub

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

**int** n=in.nextInt();

**if**(n>0)

{

System.***out***.println("given number is positive");

}

**else** **if**(n<0)

{

System.***out***.println("given number is negative");

}

**else**

{

System.***out***.println("given number is Zero");

}

in.close();

}

}

1. Take three numbers from the user and print the greatest number

**package** practice2;

**import** java.util.\*;

**public** **class** GreaterNumber {

**public** **static** **int** compare(**int** a,**int** b,**int** c)

{

**if**(a>b && a>c)

{

**return** a;

}

**else** **if**(b>c && b>a)

{

**return** b;

}

**else**

{

**return** c;

}

}

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

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

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

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

**int** c=in.nextInt();

**int** greater=*compare*(a,b,c);

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

in.close();

}

}

1. Write a Java program that keeps a number from the user and generates an integer between 1 and 7 and displays the name of the weekday.

**package** practice2;

**import** java.util.\*;

**public** **class** Weekday {

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

// **TODO** Auto-generated method stub

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

**int** dayNumber=in.nextInt();

String dayName;

**switch**(dayNumber)

{

**case** 1:

dayName="Monday";

**break**;

**case** 2:

dayName="Tuesday";

**break**;

**case** 3:

dayName="Wednesday";

**break**;

**case** 4:

dayName="Thursday";

**break**;

**case** 5:

dayName="Friday";

**break**;

**case** 6:

dayName="Saturday";

**break**;

**case** 7:

dayName="Sunday";

**break**;

**default**:

dayName="Invalid Number";

}

in.close();

System.***out***.println(dayName);

}

}

1. Write a program in Java to display the first 10 natural numbers

**package** practice2;

**import** java.util.\*;

**public** **class** NaturalNumbers {

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

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

**int** n=in.nextInt();

**for**(**int** i=1;i<=n;i++)

{

System.***out***.print(i+" ");

}

}

}

1. Write a program in Java to input 5 numbers from keyboard and find their sum and average

**package** practice2;

**import** java.util.\*;

**public** **class** SumAvg {

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

// **TODO** Auto-generated method stub

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

**int** count=in.nextInt();

System.***out***.println("Enter the "+count+" inputs");

**int** sum=0;

**double** avg=0.0;

**for**(**int** i=0;i<count;i++)

{

**int** input=in.nextInt();

sum=sum+input;

}

avg=sum/count;

System.***out***.println("The sum of "+count+" number is: "+sum);

System.***out***.println("The avg of "+count+" number is :"+avg);

in.close();

}

}

1. Write a program to take employee information using scanner like employee id, employee name, employee salary, employee address ,employee contact, employee gender(char)

**import** java.util.Scanner;

**public** **class** Employee {

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

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

System.***out***.println("Enter Employee Id");

**int** empid=in.nextInt();

in.nextLine();

System.***out***.println("Enter Employee name");

String name=in.nextLine();

System.***out***.println("Enter Employee salary");

**double** empsal=in.nextDouble();

in.nextLine();

System.***out***.println("Enter Employee Address");

String empAdd=in.nextLine();

System.***out***.println("Enter Employee Gender");

**char** empGender=in.next().charAt(0);

in.nextLine();

System.***out***.println("Enter Employee email");

String empEmail=in.nextLine();

System.***out***.println(empid);

System.***out***.println(name);

System.***out***.println(empsal);

System.***out***.println(empAdd);

System.***out***.println(empGender);

System.***out***.println(empEmail);

}

}