### Assignment - 1

### 

### 1)

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

import java.util.Scanner;

public class FirstProgarm{

public static void main(String[] args) {

GetVal g1 = new GetVal();

g1.print();

}

}

class GetVal{

int a;

Scanner sc = new Scanner(System.in);

void print()

{

System.out.println("Enter Number:");

a = sc.nextInt();

if (a >= 0 )

{

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

}

else

{

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

}

}

}

### 

### 2)

**Write a program to find the maximum number from the given 3 numbers.**

import java.util.Scanner;

public class Second {

public static void main(String[] args) {

MaxNumber m1 = new MaxNumber();

m1.print();

}

}

class MaxNumber{

int a,b,c;

Scanner sc = new Scanner(System.in);

void print()

{

System.out.println("Enter Three Number:");

System.out.println("A:");

a = sc.nextInt();

System.out.println("B:");

b = sc.nextInt();

System.out.println("C:");

c = sc.nextInt();

if(a > b && a > c)

{

System.out.println(" A is Big");

}

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

{

System.out.println("B is Big");

}

else

{

System.out.println("C is Big");

}

}

}

### 3)

### The marks obtained by a student in 5 different subjects are input through the keyboard.

### The Students gets a division as per the following rules:

### • Percentage above or equal to 60-first division

### • Percentage between 50 to 59-second division

### • Percentage between 40 to 49-third division

### • Percentage less than 40-fail Write a program to calculate the division obtained by the student.

import java.util.Scanner;

public class Third {

public static void main(String[] args) {

Mark m1 = new Mark();

m1.get();

}

}

class Mark{

float m;

Scanner sc = new Scanner(System.in);

void get()

{

int m1,m2,m3,m4,m5;

System.out.println("Enter Marks");

m1 = sc.nextInt();

m2 = sc.nextInt();

m3 = sc.nextInt();

m4 = sc.nextInt();

m5 = sc.nextInt();

m = (m1+m2+m3+m4+m5) / (float)(5);

print();

}

void print()

{

if(m >= 60)

{

System.out.println("First Divison"+m);

}

else if(m >= 50 && m <= 59 )

{

System.out.println("Second Class"+m);

}

else if(m >=40 && m <=49)

{

System.out.println("Third Division"+m);

}

else{

System.out.println("Fail"+m);

}

}

}

### 

### 4)

### Write a java program that takes a number from the user and displays the name of the weekday accordingly (For example if the user enters 1 program should return Monday).

import java.util.Scanner;

public class Days {

public static void main(String[] args) {

day d1 = new day();

d1.print();

}

}

class day{

int d;

String daysc;

Scanner sc = new Scanner(System.in);

void print()

{

System.out.println("Enter Number Between 1 To 7");

d = sc.nextInt();

display();

}

void display()

{

switch (d) {

case 1:

daysc = "Monday";

System.out.println(daysc);

break;

case 2:

daysc = "Tuesday";

System.out.println(daysc);

break;

case 3:

daysc = "wednesday";

System.out.println(daysc);

break;

case 4:

daysc = "Thursday";

System.out.println(daysc);

break;

case 5:

daysc = "Friday";

System.out.println(daysc);

break;

case 6:

daysc = "Saturday";

System.out.println(daysc);

break;

case 7:

daysc = "Sunday";

System.out.println(daysc);

break;

}

}

}