**package** Assignment1;

**public** **class** Task1 {

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

**int** a=20;

**int** b=10;

System.***out***.println("Numbers before swapping: "+"a="+a+" "+"b="+b);

a=a+b;

b=a-b;

a=a-b;

System.***out***.println("Numbers after swapping: "+"a="+a+" "+"b="+b);

}

}

**package** Assignment1;

**public** **class** Task23 {

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

//program to print sum of 5 numbers and average of 5 numbers

**double** sum=0.0;

**double**[] a= {10,90.78,111,8989,7876};

**for**(**int** i=0;i<5;i++)

{

sum=sum+a[i];

}

System.***out***.println("Sum of 5 numbers is "+sum);

System.***out***.println("Average of 5 numbers is "+(sum/a.length));

}

}

**package** Assignment1;

**public** **class** Task4 {

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

//to print all even numbers from 1 to 200

**for**(**int** i=1;i<=200;i++)

{

**if**((i%2)==0)

{

System.***out***.println("Even numbers between 1 to 200 : "+i);

}

}

}

}

**package** Assignment1;

**public** **class** Task5 {

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

//to print all odd numbers from 1 to 50

**for**(**int** i=1;i<=50;i++)

{

**if**((i%2)!=0)

{

System.***out***.println("Odd numbers from 1 to 50: "+i);

}

}

}

}

**package** Assignment1;

**public** **class** Task7 {

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

//To print the pattern

**int** n=6;

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

{

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

{

System.***out***.print(" \* ");

}

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

}

}

}

**package** Assignment1;

**public** **class** Task8 {

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

// Task 8- Write a program to print below students marks who have scored above 70

//Example- 78,12,89,55,35

//Output- 78,89

**int** a[]=**new** **int**[5];

a[0]=78;

a[1]=12;

a[2]=89;

a[3]=55;

a[4]=35;

**for**(**int** i=0;i<5;i++)

{

**if**(a[i]>70)

{

System.***out***.println(a[i]);

}

}

}

}

**package** Assignment1;

**public** **class** Task9 {

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

//

//Task 9- Write a program which will break the current execution if it find number 85

//Input – [12,34,66,85,900]

**int** a[]=**new** **int**[5];

a[0]=12;

a[1]=34;

a[2]=66;

a[3]=85;

a[4]=900;

**for**(**int** i=0;i<5;i++)

{

**if**(a[i]==85)

{

**break**;

}

**else**

{

System.***out***.println(a[i]);

}

}

}

}

**package** Assignment1;

**public** **class** Task10 {

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

// Task 10- Write a program which will break the current execution if it find “Selenium”

//Input – [“Java”,”JavaScript”,”Selenium”,”Python”,”Mukesh”]

String[] names= {"java","javascript","selenium","python","Mukesh"};

**for**(**int** i=0;i<names.length;i++)

{

**if**(names[i].equals("selenium"))

{

**break**;

}

**else**

{

System.***out***.println(names[i]);

}

}

}

}