Task 1 – Write a program to swap two number. For example a=10 and b=20 output should be a=20 and b=10

**Answer** : **package** Test99;

**public** **class** Test56790333 {

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

{

**int** a=10;

**int** b=20;

{

System.***out***.println("Value of a : before swap " +a);

System.***out***.println("Value of b : before swap " +b);

a=a+b;

b=a-b;

a=a-b;

System.***out***.println("Value of a : after swap " +a);

System.***out***.println("Value of b : after swap " +b);

}

}

}

Task 2- Write a program to print the sum of below 5 numbers.

10,90.78,111,8989,7876

Answer :

**package** Test99;

**public** **class** Sum {

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

{

**int** a1,a3,a4,a5;

**double** a2,sum;

a1=10;

a2=90.78;

a3=111;

a4=8989;

a5=7876;

sum=a1+a2+a3+a4+a5;

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

}

}

Task 3- Write a program to print the average of below 5 numbers.

10,90.78,111,8989,7876

Answer :

**package** Test99;

**public** **class** avg66 {

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

{

**int** a1,a3,a4,a5;

**double** a2,sum,avg;

a1=10;

a2=90.78;

a3=111;

a4=8989;

a5=7876;

sum=a1+a2+a3+a4+a5;

avg=sum/5;

System.***out***.println("Average of 5 numbers is "+avg);

}

}

Task 4- Write a program to print all even numbers from 1-200

Answer : **package** Test99;

**public** **class** Numbers1to100 {

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

{

**for** (**int** i=0;i<201;i=i+2)

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

}

}

Task 5- Write a program to print all odd numbers from 1-50

Answer : **package** Test99;

**public** **class** oddnumbers1to50 {

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

{

**for** (**int** i=1;i<51;i=i+2)

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

}

}

Task 6- Write a program to print all prime numbers from 1-1000

Answer :

**package** Test99;

**public** **class** nestedfor

{

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

{

**int** i,j,s;

**for** ( i=2;i<1000;i++)

{

s=0;

**for** (j=2;j<i;j++)

{

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

s=1;

**break**;

}

**if**(s==0)

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

}

}

}

Task 7- Write a program to print below pattern



Answer :

**package** Test99;

**public** **class** star {

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

{

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

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

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

}

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

}

}

}

Task 8- Write a program to print below students marks who have scored above 80

Example- 78,12,89,55,35

Output- 78,89

Answer :

**package** Test99;

**public** **class** Score23 {

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

{

**int** [] marks1=**new** **int**[5];

marks1[1]=78;

marks1[0]=12;

marks1[2]=89;

marks1[3]=55;

marks1[4]=35;

**for** ( **int** marks:marks1)

{

**if** (marks>=80)

{

System.***out***.println("Marks is "+marks);

}

}

}

}

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

Input – [12,34,66,85,900]

Answer:

**package** Test99;

**public** **class** Break13 {

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

{

**int** [] numbers= {12,34,66,85,900};

**for** (**int** x:numbers)

{

**if** (x==85)

{

**break**;

}

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

}

}}

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

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

**package** Test99;

**public** **class** Break19 {

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

{

String [] text = {"Java","JavaScript","Selenium","Python","Mukesh"};

**for** (String text1:text)

{

**if** (text1=="Selenium")

{

**break**;

}

System.***out***.println(text1);

}

}}