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

**public** **class** swapNum {

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

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

**int** a = 20;

**int** b = 10;

**int** c = a;

a = b;

b = c;

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

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

}

}

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

10,90.78,111,8989,7876

**public** **class** numSum {

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

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

**int** num1 = 10;

**double** num2 = 90.78;

**int** num3 = 111;

**int** num4 = 8989;

**int** num5 = 7876;

**double** sum = num1+num2+num3+num4+num5;

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

}

}

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

10,90.78,111,8989,7876

**public** **class** numSum {

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

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

**int** num1 = 10;

**double** num2 = 90.78;

**int** num3 = 111;

**int** num4 = 8989;

**int** num5 = 7876;

**double** avg = (num1+num2+num3+num4+num5)/5;

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

}

}

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

**public** **class** Even\_num {

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

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

**for**(**int** i = 1; i<=100; i++ ) {

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

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

}

}

}

}

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

**public** **class** oddNum {

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

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

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

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

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

}

}

}

}

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

**public** **class** primenumber {

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

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

**int** i =0;

**int** num =0;

String primeNumbers = "";

**for** (i = 1; i <= 1000; i++)

{

**int** counter=0;

**for**(num =i; num>=1; num--)

{

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

{

counter = counter + 1;

}

}

**if** (counter ==2)

{

primeNumbers = primeNumbers + i + " ";

}

}

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

}

}

Task 7- Write a program to print below pattern



**public** **class** pattern {

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

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

**for**(**int** i=1; i<7; i++) {

**for**(**int** j=1; 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

**public** **class** marks {

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

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

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

num[0] = 78;

num[1] = 12;

num[2] = 89;

num[3] = 55;

num[4] = 35;

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

**if**(num[i]>80) {

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

}

}

}

}

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

Input – [12,34,66,85,900]

**public** **class** task9 {

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

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

**int**[] num1 = {12,34,66,85,900};

**for**(**int** i=0; i<num1.length; i++) {

**if**(num1[i]!=85) {

System.***out***.println(num1[i]);

}

**else** {

**break**;

}

}

}

}

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

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

**public** **class** tsak10 {

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

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

String[] list1 = {"Java","JavaScript","Selenium","Python","Mukesh"};

**for**(**int** i=0; i<list1.length; i++) {

**if**(list1[i].equals("Selenium")) {

**break**;

}

**else** {

System.***out***.println(list1[i]);

}

}

}

}