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** SwapTwoNumbers {

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

{

**int** a=20;

**int** b=10;

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

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

a=a+b;

b=a-b;

a=a-b;

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

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

}

}

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

10,90.78,111,8989,7876

**package** assignment1;

**public** **class** SumofNumbers {

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

{

**int** a=10;

**float** b=90.78f;

**int** c=111;

**int** d=8989;

**int** e=7876;

**int** f=(**int**) (a+b+c+d+e);

System.***out***.println("Sum of numbers (int): " + f);

**float** g = a+b+c+d+e;

System.***out***.println("Sum of numbers (float): " + g);

}

}

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

10,90.78,111,8989,7876

**package** assignment1;

**public** **class** AvgOfNumbers {

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

{

**int** [] values= {10,111,8989,7876};

Double doubleValue = 90.78;

Double sumup=0.0;

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

{

sumup += values[i];

}

sumup += doubleValue;

**double** totalavg = sumup/(values.length + 1);

System.***out***.println("Average of given numbers: " + totalavg);

}

}

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

**package** assignment1;

**public** **class** PrintEvenNumbers

{

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

{

**for** (**int** i=0;i<=200;i++)

{

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

{

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

}

}

}

}

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

**package** assignment1;

**public** **class** PrintOddNumbers

{

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

{

**for** (**int** i=0;i<=50;i++)

{

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

{

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

}

}

}

}

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

**package** assignment1;

**public** **class** PrintPrimeNumbers {

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

**int** num = 1000, count;

**for** (**int** i = 2; i <= num; i++) {

count = 0;

**for** (**int** j = 2; j <= i / 2; j++) {

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

count++;

**break**;

}

}

**if** (count == 0) {

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

}

}

}

}

Task 7- Write a program to print below pattern



**package** assignment1;

**public** **class** PrintPattern {

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

{

**int** i, j, row=6;

**for**(i=0; i<row; i++)

{

**for**(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

**package** assignment1;

**public** **class** MarksScoredAbove80 {

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

{

**int** [] marks= {78,12,89,55,35};

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

{

**if**(marks[i]>85)

{

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

}

}

}

}

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

Input – [12,34,66,85,900]

**package** assignment1;

**public** **class** Breakwhenfind85 {

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

{

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

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

{

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

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

**break**;

}

}

}

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

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

**package** assignment1;

**public** **class** BreakwhenfindSelenium {

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

{

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

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

{

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

**if**(Course[i]=="Selenium")

**break**;

}

}

}