**Assignment 1:-**

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

**package** assignment1;

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

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

**int** a=10;

**int** b=20;

a=a+b;//10+20=30;

b=a-b;//30-20=10

a=a-b;//30-10=20

System.***out***.println(a);//20

System.***out***.println(b);//10

}

}

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

10,90.78,111,8989,7876

**package** assignment1;

**public** **class** Task2 {

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

//10,90.78,111,8989,7876

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

{

**int** a=10;

**float** g=90.78f;

**int** r=(**int**)g;

**int** c=111;

**int** d=8989;

**int** e= 7876;

**int** sum=a+r+c+d+e;

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

System.***out***.println("Average of Number");

//System.out.println(sum/5);}}

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

10,90.78,111,8989,7876

**package** assignment1;

**public** **class** Task3 {

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

{

**int** a=10;

**float** g=90.78f;

**int** r=(**int**)g;

**int** c=111;

**int** d=8989;

**int** e= 7876;

**int** sum=a+r+c+d+e;

System.***out***.println("Sum of number"+sum);

System.***out***.println("Average of Number"+sum/5);

}

}

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

**package** assignment1;

**public** **class** Task4

{

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

**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** Task5 {

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

**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

**package** assignment1;

**public** **class** Task6 {

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

**int** no=1000;

**int** count =0;

**for** (**int** i=1;i<=no;i++) {

**if**(no%i==0) {

count++;

}

}

**if**(count==2) {

System.***out***.println("Prime Nimber");

}

**else** {

System.***out***.println("Not Prime Number");

}

}

}

Task 7- Write a program to print below pattern



**package** assignment1;

**public** **class** Task7

{

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

{

//\*

//\* \*

//\* \* \*

//\* \* \* \*

//\* \* \* \* \*

//\* \* \* \* \* \*

**int** Star=1;

**for**(**int** i=1; i<=6; i++)

{

**for**(**int** j=1; j<=Star; j++)

{

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

}

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

Star++;

}

}

}

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

Example- 88,12,89,55,35

Output- 88,89

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** Task9 {

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

**int** number=22;

**switch**(number) {

**case** 12:

System.***out***.println("Number is 12");

**break**;

**case** 34:

System.***out***.println("Number is 34");

**break**;

**case** 66:

System.***out***.println("Number is 66");

**break**;

**case** 85:

System.***out***.println("Number is 85");

**break**;

**case** 900:

System.***out***.println("Number is 900");

**default**:

System.***out***.println("please enter correct number");

}

}

}

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** Task10 {

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

String tool="Selenium";

**switch**(tool) {

**case** "java":

System.***out***.println("Java is a programming language");

**break**;

**case** "JavaScript":

System.***out***.println("JavaScript is a programming language");

**break**;

**case** "Selenium":

System.***out***.println("Selenium is a automation tool");

**break**;

**case** "Python":

System.***out***.println("Selenium is a automation tool");

**break**;

**case** "Mukesh":

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

**break**;

**default**:

System.***out***.println("please use proper word ");

}

}

}