**Assignment-1**

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

Ans:

**package** assignment1;

**public** **class** Swap2no {

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

**int** a=10;

**int** b=20;

**int** c;

System.***out***.println("Before Swap value of a="+a+" b="+b);

c=a;

a=b;

b=c;

System.***out***.println("After swap value of a=" +a +" b="+b);

}

}

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

10,90.78,111,8989,7876

Ans:

**package** assignment1;

**public** **class** Sumof5no {

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

**int** a=10;

**double** b=90.78;

**int** c=111;

**int** d=8989;

**int** e=7876;

**double** f;

f=a+b+c+d+e;

System.***out***.println("Sum of 5 Numbers: " +f);

}

}

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

10,90.78,111,8989,7876

Ans:

**package** assignment1;

**public** **class** Averageof5nos {

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

**int** a=10;

**double** b=90.78;

**int** c=111;

**int** d=8989;

**int** e=7876;

**double** f;

f=a+b+c+d+e;

System.***out***.println("Sum of 5 No: "+f);

**double** g=f/5;

System.***out***.println("Average of 5 No: "+g);

}

}

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

Ans:

**package** assignment1;

**public** **class** Evenno {

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

**int** a=200;

System.***out***.println("Even Number from 1 to 200:");

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

{

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

{

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

}

}

}

}

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

Ans:

**package** assignment1;

**public** **class** Oddno {

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

**int** a=50;

System.***out***.println("ODD Numbers from 1 to 50:");

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

{

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

{

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

}

}

}

}

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

Ans:

**package** assignment1;

**public** **class** Primeno {

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

{ **int** i=0;

**int** j=0;

String primeNo = "";

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

{

**int** ct=0;

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

{

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

{

ct = ct + 1;

}

}

**if** (ct ==2)

{

primeNo = primeNo + i + " ";

}

}

System.***out***.println("Prime numbers from 1 to 1000 are :");

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

}

}

Task 7- Write a program to print below pattern



Ans:

**package** assignment1;

**public** **class** Starpattern {

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

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

Ans:

**package** assignment1;

**public** **class** Markabove80 {

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

**int** n[]= {78,12,89,35,91,79};

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

{

**int** b=n[i];

**if** (b==89)

{

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

**break**;

}

}

}

}

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

Input – [12,34,66,85,900]

Ans:

**package** assignment1;

**public** **class** Exitif85 {

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

**int** []number = {12,34,66,85,900,87};

**int** n=85;

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

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

**if**(n==number[i]) {

**break**;

}

}

}

}

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

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

Ans:

**package** assignment1;

**public** **class** Breakifselenium {

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

String session="Selenium";

String []sessions= {"Java","JavaScript","Selenium","Python","Sakthi"};

System.***out***.println("Total elements in the array is: "+sessions.length);

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

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

**if**(sessions[i]==session)

{

**break**;

}

}

}

}