**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** task1;

**public** **class** swap {

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

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

**int** temp;

**int** a =10;

**int** b=20;

temp = a;

a = b;

b= temp;

System.***out***.println("a="+a);

System.***out***.println("b="+b);

}

}

**OUTPUT**

a=20

b=10

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

**10,90.78,111,8989,7876**

**package** task1;

**public** **class** sum {

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

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

**short** num1 = 10;

**double** num2 = 90.78;

**int** num3 = 111;

**long** num4 = 8989;

**long** num5 = 7876;

**double** sum;

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

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

}

}

**OUTPUT**

SUM of 5 numbers:17076.78

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

**10,90.78,111,8989,7876**

**package** task1;

**public** **class** average {

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

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

**short** num1 = 10;

**double** num2 = 90.78;

**int** num3 = 111;

**long** num4 = 8989;

**long** num5 = 7876;

**double** sum;

**double** average;

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

average = sum/2;

System.***out***.println("Average of 5 numbers:"+average);

}

}

**OUTPUT**

Average of 5 numbers:8538.39

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

**package** task1;

**public** **class** even {

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

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

**int** i;

System.***out***.println("Even numbers from 1-200:");

**for** (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** task1;

**public** **class** odd {

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

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

**int** i;

System.***out***.println("ODD numbers from 1-50:");

**for** (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** task1;

**public** **class** prime {

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

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

**int** i, j, prime;

System.***out***.println("All Prime Numbers Between 1 to 1000");

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

prime = 0;

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

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

prime = 1;

**break**;

}

}

**if** (prime == 0)

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

}

}

}

**Task 7- Write a program to print below pattern**



**package** task1;

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

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

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

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

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

{

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

{

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

}

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

}

}

}

**OUPUT**

\*

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**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** task1;

**public** **class** score {

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

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

**int** n = 5;

**int** marks[] = { 78,12,89,85,35 };

System.***out***.println("Scored above 80: ");

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

**if**(marks[i]>=80)

{

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** task1;

**public** **class** breaknum {

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

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

**int** n = 85;

**switch**(n)

{

**case** 12:

**if**(n==12)

{

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

}

**break**;

**case** 34:

**if**(n==34)

{

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

}

**break**;

**case** 85:

**if**(n==85)

{

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

}

**break**;

**case** 900:

**if**(n==900)

{

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

}

**break**;

}

}

}

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

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

**package** task1;

**public** **class** breakString {

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

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

String n = "Selenium";

**switch**(n)

{

**case** "Java":

System.***out***.println("Found Java");

**break**;

**case** "Selenium":

System.***out***.println("Found Selenium");

**break**;

**case** "avaScript":

System.***out***.println("Found avaScript");

**break**;

}

}

}