**Q- 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 assignment\_1;

public class Swap\_2\_numbers {

public static void main(String[] args) {

//Given input is

int a=10; int b=20;

//Before Swap the number

System.out.println("A value Before Swapping "+a);

System.out.println("B value Before Swapping "+b);

//Swapping Mechanism

int xy=a;

a=b;

b=xy;

//After Swapping

//Printing the swapped numbers

System.out.println("After swapping the a variable the a value changed to:" +a);

System.out.println("After swapping the b variable the b value changed to:" +b);

}

}

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

10,90.78,111,8989,7876?

package assignment\_1;

public class Sum\_of\_5\_num {

public static void main(String[] args) {

// TODO Auto-generated method stub

int a=10;

double b=90.78;

int c=111;

int d=8989;

int e=7876;

double add= a+b+c+d+e;

System.out.println("The Sum of five number is:"+ " " +add);

}

}

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

10,90.78,111,8989,7876?

package assignment\_1;

public class Average\_of\_5\_number {

public static void main(String[] args) {

//Inputs are given in to the question

int a=10;

double b=90.78;

int c=111;

int d=8989;

int e=7876;

//Mechanism for finding average

double avg=a+b+c+d+e/5;

//Printing the average of five number

System.out.println("The Average if five number is "+ "" + avg);

}

}

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

package assignment\_1;

public class Print\_Even\_nofrm\_1\_to\_200 {

public static void main(String[] args) {

//Print the even number in between from the 1 to 200

for(int i=1; i<=200;i++)

{

//if remainder 0 means it is the even number else odd

if(i%2==0)

{

//printing the even numbers, those have found in between of the 1 to 200

System.out.println("The list of Even number found in between of the 1 to 200 is "+ "" +i);

}

}

}

}

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

package assignment\_1;

public class Odd\_Numbers {

public static void main(String[] args) {

int num=50;

for(int b=1;b<=num;b++)

{

//If remainder is not equal to 0, that would be consider as odd number

if(b%2!=0)

{

//Here i am printing, The list of odd number is found in between of the 1 to 50 is

System.out.println("The list of odd number found 1 to "+num+" is"+ " "+b);

}

}

}

}

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

**package** assignment\_1;

**public** **class** Prime\_Number\_1to1000 {

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

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

**int** i =0;

**int** num =0;

//Empty String

String primeNumberas = "";

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

{

**int** counte=0;

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

{

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

{

counte = counte + 1;

}

}

**if** (counte ==2)

{

//Appended the Prime number to the String

primeNumberas = primeNumberas + i + " ";

}

}

System.***out***.println("Prime numbers from 1 to 100 are :");

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

}

}

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



package assignment\_1;

public class Star\_Pattern {

int i,j;

public static void main(String[] args) {

//outer loop handle the rows

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

{

//inner loop handle the columns

for(int j=1;j<=i;j++) {

//the print method will print the star but coundn't jump into next line so we need to use println(next line)

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

}

//helps to jump in next line

System.out.println();

}

}

}

//Or

//Another way to print, but not the right way

//system.out.println("\*");

//system.out.println("\*\*");

//system.out.println("\*\*\*");

//system.out.println("\*\*\*\*");

//system.out.println("\*\*\*\*\*");

//system.out.println("\*\*\*\*\*\*");

Q- 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** assignment\_1;

**public** **class** Students\_above\_80 {

**static** **int** *marks*;

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

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

*marks*= 80; **if**( *marks* <70)

{ System.***out***.

println("THe student marks is not going to be count if marks is less than 80"

); }

**else** **if**(*marks*==70 || *marks*<78) {

System.***out***.

println("If student got the marks is inbetween of the 70 and 79 is also not consider:: "

); }

**else** **if**(*marks*>=80 && *marks*<=100)

{ System.***out***.

println("If student got the marks above than 80, than those marks will going to be consider"

);

}}}

/\*int marks[]= {4,4,56,67,89};

for(int marks1=80;marks1<=89;)

{

System.out.println("Those students have got the more than 80 marks will be consider as a grade A students" +marks[marks1]);

}

}\*/

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

Input – [12,34,66,85,900]?

package assignment\_1;

public class Break\_execution {

public static void main(String[] args) {

// TODO Auto-generated method stub

int found=85;

switch (85) {

case 12:

System.out.println("12 found");

break;

case 34:

System.out.println(" 34 found ");

break;

case 66:

System.out.println(" 66 found ");

break;

case 85:

System.out.println("The 85 is found,and now breaking the statment");

break;

case 900:

System.out.println(" 900 found ");

break;

default:

System.out.println("The 85 is not found ");

break;

}

}

}

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

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

package assignment\_1;

public class Switch2 {

public static void main(String[] args) {

// TODO Auto-generated method stub

String name="Selenium";

switch(name)

{

case"Java":

System.out.println("Java found");

break;

case "JavaScript":

System.out.println("JavaScript found");

break;

case "Selenium":

System.out.println("Selenium found");

break;

case"Python":

System.out.println("Python found");

break;

case "Mukesh":

System.out.println("wonderfull automation trainer Mukesh found in the ineuron");

break;

default:

System.out.println("THe Selenium keyword not found ::");

}

}

}