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

```
package assignment1;

public class SwapTWOnumber

{

	public static void main(String[] args)

{


		int a = 10;
		int b = 20;

		System.out.println("Before swap");
		System.out.println("a = " + a );
		System.out.println("b = " + b );

		int temp = a;
		 a = b;
		 b = temp;

		 System.out.println("After swap");
		 System.out.println("a = " + a );
		 System.out.println("b = " + b );
```

```
    }

}
```

……
……

Task 2- Write a program to print the sum of below 5 numbers.
10,90.78,111,8989,7876

```
package assignment1;

public class Sumof5Numbers

 {

    public static void main(String[] args)

{

        int a = 10, c = 111, d = 8989, e = 7876;
        double b = 90.78;

        System.out.println( "addition of all 5 numbers is "
+""+(a+b+c+d+e));


    }

}
```

……
……

Task 3- Write a program to print the average of below 5 numbers.
10,90.78,111,8989,7876

```
package assignment1;

public class AVGof5Numbers

{

	public static void main(String[] args)

{

		int a = 10, c = 111, d = 8989, e = 7876;
		double b = 90.78;

		System.out.println((a+b+c+d+e)/5);
	}

}
```

……
……

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

```
package assignment1;

public class Print1to200EvenNumbers
{

	public static void main(String[] args)
	{

		for (int i=1; 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 Print1to50OddNumbers {

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

```
            for(int i=1; i<=50; i++)
            {

                  if(i%2!=0)
                  System.out.println(i);


            }

      }

}
```

……
……

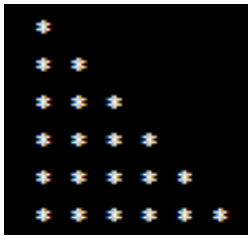
Task 6- Write a program to print all prime numbers from 1-1000

```
package assignment1;

public class PrintPrimefrom1to1000 {

      public static void main(String[] args) {

            for (int i = 1; i<1000; i++)
            {

                  boolean isPrime = true;

                  if (i>1)
                  {
```

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

                        if(i%j==0)
                        {
                            isPrime = false;
                        }

                    }


                }
                else

                {
                    isPrime = false;

                }

                if (isPrime)
                System.out.println(i);

            }

        }

}
```

……
……

Task 7- Write a program to print below pattern



```
package assignment1;

public class PatternProgram {

	public static void main(String[] args) {

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

}
```

Another way

```
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
Output- 78,89

```
package assignment1;

public class ScroesAbove80 {

	public static void main(String[] args)

	{
		int i = 99;

	if (i>80)
	{

		System.out.println("scored marks more than 80");

	}

	else
		System.out.println("scored marks less than 80");
	}

}
```

……
……

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 BreakCurrentExecutionforInt {

	public static void main(String[] args) {

		int number=85;
		switch (number)
		{
		case 12:
			System.out.println("found 12");
			break;
		case 34:
			System.out.println("found 34");
			break;
		case 66:
			System.out.println("found 66");
			break;
		case 85:
			System.out.println("85 number is found,and now breaking the statment");
			break;
		case 900:
			System.out.println("found 900");
			break;

			default:
				System.out.println("85 nu not found");
```

```
                }


        }

}
```

……
……

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 BreakCurrentExecutionforString {

        public static void main(String[] args) {

                String text = "Selenium";
                switch (text)
                {

                case "Java":
                System.out.println("Java found");
                break;

                case "JavaScript":
                System.out.println("JavaScript found");
                break;
```

```
                case "Selenium":
                System.out.println("Selenium found and stopping execution");
                break;

                case "Python":
                System.out.println("Python found");
                break;
                case "Mukesh":
                System.out.println("Execution Breaks");
                break;


                default:
                        System.out.println("please provide names from
“Java”,JavaScript”,”Selenium”,”Python”,”Mukesh”");
                        break;

                }

        }

}
```

……
……