Todays Topic

- Nested Loops part 1

```
class demo
{
public static void main(String args[])
        {
        for( int n=9 ; n>=5 ; n-- )
                {
                for( int i=1 ; i<= n  ;  i++ )
                        System.out.print( i );
                System.out.println( );
                }
        }
}
```

WAP to print following Output

123456789

12345678

1234567

123456

12345

Java

```
class demo
{
public static void main(String args[])
        {
        for( int n=4 ; n<=8 ; n++ )
                {
                for( int i=1 ; i<=  n ;  i++ )
                        System.out.print( i );
                System.out.println( );
                }
        }
}
```

WAP to print
following Output

1234

12345

123456

1234567

12345678

```
class demo
{
public static void main(String args[])
        {
        for( int n=1 ; n<=5 ; n++ )
                {
                for( int i=8 ; i>= n ;  i-- )
                        System.out.print( i );
                System.out.println( );
                }
        }
}
```

WAP to print following Output

87654321

8765432

876543

87654

8765

Java

```
class demo
{
public static void main(String args[])
        {
        for( int n=9 ; n>=6 ; n-- )
                {
                for( int i=1 ; i<= n  ;  i++ )
                        System.out.print( "*" );
                System.out.println( );
                }
        }
}
```

WAP to print following Output

```
* * * * * * * * *
* * * * * * * *
* * * * * * *
* * * * * *
```

```
class demo
{
public static void main(String args[])
        {
        for( int n=4 ; n<=8 ; n++ )
                {
                for( int i=1 ; i<= n  ;  i++ )
                        System.out.print( "*" );
                System.out.println( );
                }
        }
}
```

WAP to print following Output

* * * *

* * * * *

* * * * * *

* * * * * * *

* * * * * * * *