

/ Example 1 : Thread in java */**

import java.lang.Thread;

class A extends Thread

{

public void run()

{

for(int i = 0;i<=10;i++)

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

}

}

class B extends Thread

{

public void run()

{

for(int j = 0 ;j<=20;j++)

System.out.println("j = "+j);

}

}

class C extends Thread

{

public void run(){

for (int k =0 ; k<=30;k++)

```
        System.out.println("k = "+k);  
    }  
}  
  
class ThreadEg  
{  
    public static void main(String[] args) {  
        A a = new A();  
        B b = new B();  
        C c = new C();  
        a.start();  
        b.start();  
        c.start();  
    }  
}
```

ANIMS & DCC CLASSES

Output:

```
① Windows Terminal can be set as the default terminal application in your settings. Open Settings
PS D:\AnandSir&GopeshSirNotes\3rd_SEM\302_00Ps_with_Java\JavaPrograms\MultiThreading> javac ThreadEg.java
PS D:\AnandSir&GopeshSirNotes\3rd_SEM\302_00Ps_with_Java\JavaPrograms\MultiThreading> java ThreadEg
k = 0
i = 0
i = 1
j = 0
i = 2
k = 1
i = 3
j = 1
i = 4
k = 2
i = 5
j = 2
i = 6
k = 3
k = 4
i = 7
j = 3
j = 4
i = 8
k = 5
i = 9
j = 5
i = 10
k = 6
k = 7
k = 8
k = 9
k = 10
j = 6
k = 11
k = 12
j = 7
k = 13
j = 8
j = 9
k = 14
k = 15
j = 10
```

```
j = 7
k = 14
k = 15
j = 10
j = 11
j = 12
j = 13
k = 16
k = 17
j = 14
j = 15
k = 18
k = 19
j = 16
j = 17
k = 20
k = 21
j = 18
j = 19
k = 22
j = 20
k = 23
k = 24
k = 25
k = 26
k = 27
k = 28
k = 29
k = 30
PS D:\AnandSir&GopeshSirNotes\3rd_SEM\302_00Ps_with_Java\JavaPrograms\MultiThreading>
```