

## LAB PROGRAM : 9

```
class NewThread implements Runnable
```

```
{  
    String name;
```

```
    Thread t;
```

```
    int time;
```

```
    NewThread (String n, int tm)
```

```
{  
        name = n;
```

```
        time = tm;
```

```
        t = new Thread (this, n);
```

```
        System.out.println ("New thread : " + t);
```

```
        t.start();
```

```
}
```

```
    public void run ()
```

```
{
```

```
        try
```

```
{
```

```
            for (int i=5; i>0; i--)
```

```
            {  
                System.out.println (name + " : " + i);
```

```
                Thread.sleep (time);
```

```
            }
```

```
        } catch (InterruptedException e) {
```

```
            System.out.println (name + " Interrupted");
```

```
        }
```

```
    }
```

```
}
```

```
class Lab9
```

```
{
```

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

```
{
```

```
NewThread o1 = new NewThread ("BMS College of  
Engineering", 10000);  
NewThread o2 = new NewThread ("CSE", 2000);  
}
```

### Procedure:-

- Create runnable implemented class.
- Create a constructor with name & time arguments. It also creates new thread object.
- Create run function to print from object.
- Use sleep() to ~~make~~ adjust time.
- Invoke the constructor twice in ~~the~~ main function.