

LAB 9

```
import java.util.*;  
import java.lang.*;
```

```
class NewThread implements Runnable {
```

```
    String name;
```

```
    this.repeat
```

```
    int repeat;
```

```
    int interval;
```

```
    Thread t;
```

```
    NewThread (String name, int interval, int repeat) {
```

```
        this.name = name;
```

```
        this.repeat = repeat;
```

```
        this.interval = interval;
```

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

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

```
    }
```

```
    public void run() {
```

```
        try {
```

```
            for (int i = repeat; i > 0; i--) {
```

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

```
                Thread.sleep (interval);
```

```
            }
```

```
        }
```

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

```
            System.out.println ("child interrupted " + name);
```

```
        }
```

```
    }
```

```
}
```

```
class LAB9 {  
    public static void main (String args []) {  
        System.out.println ("BMS College of Engineering",  
                             10000, 5);  
        new Thread ("BMS College of Engineering", 10000, 5);  
        new Thread ("CSE", 2000, 20);  
        try {  
            for (int i=5; i>0; i--) {  
                Thread.sleep(10000);  
            }  
        }  
        catch (InterruptedException e) {  
            System.out.println ("Main Thread Interrupted");  
        }  
    }  
}
```