

Lab program:

- Write a program which creates two threads, one thread displaying "BMS College of Engineering" once every ten seconds and another displaying "CSE" once every two seconds.

```
class Thread1 implements Runnable {  
    Thread t;  
    String name;  
    Thread1(String name) {  
        this.name = name;  
        t = new Thread(this, this.name);  
        t.start();  
    }  
    public void run() {  
        try {  
            for (int i=0; i<20; i++) {  
                System.out.println("CSE");  
                Thread.sleep(2000);  
            }  
        } catch (InterruptedException e) {  
            System.out.println(e);  
        }  
    }  
}
```

```
class Thread2 implements Runnable {  
    Thread t;  
    String name;  
    Thread2(String name) {  
        this.name = name;  
        t = new Thread(this, this.name);  
        t.start();  
    }  
}
```



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

```
    try {
```

```
        for (int i=0; i<5; i++) {
```

```
            System.out.println("BMS college of Engineering");
```

```
            Thread.sleep(10000);
```

```
        }
```

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

```
        System.out.println(e);
```

```
    }
```

```
}
```

```
class DemoThread {
```

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

```
        Thread1 obj1 = new Thread1("Dept. name");
```

```
        Thread2 obj2 = new Thread2("College name");
```

```
        try {
```

```
            obj1.t.join();
```

```
            obj2.t.join();
```

```
        }
```

```
    } catch (Exception e) {
```

```
        System.out.println("Interrupted"); }
```

```
    }
```

```
}
```