

Lab program 8.

→ Write a program with creates two threads, one thread displaying "BMS College of Engineering" once every 10 seconds and another displaying "CSE" once every two seconds

```
class DisplayMessageThread extends Thread {  
    private final String message;  
    private final long interval;  
  
    DisplayMessageThread(String message, long interval) {  
        this.message = message;  
        this.interval = interval;  
    }  
  
    public void run() {  
        try {  
            while (true) {  
                System.out.println(message);  
            }  
        } catch (InterruptedException e) {  
            System.out.println(Thread.currentThread().  
                getName() + " interrupted.");  
        }  
    }  
}  
  
public class TwoThreadDemo {  
    public static void main(String[] args) {  
        DisplayMessageThread t1 = new  
        DisplayMessageThread("BMS College of Engineering", 1000);  
        DisplayMessageThread t2 = new  
        DisplayMessageThread("CSE", 2000);  
    }  
}
```

```
t1.setName ("Thread 1");  
t2.setName ("Thread 2");
```

```
t1.start();  
t2.start();
```

```
try {  
    Thread.sleep(20000);  
} catch (InterruptedException e) {  
    System.out.println ("Main thread interrupted.");  
}
```

```
t1.interrupt();  
t2.interrupt();
```

```
System.out.println ("Main thread exiting.");
```

Output:-

BMS College of Engineering

CSE

CET

CET

CET

CET

~~BMS college of Engineering~~

CSE

CSE

CSE

BMS college of engineering

CSE

July, 24
1992

1. Under normal operating conditions.

- United

maximum load 2000 kg

3)

3)

3)

3)

3)

3)

3)