

Write a program which creates two threads, one thread displaying "BMS College of Engineering" once every ten seconds and another display "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);
```

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

```
            }
```

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

```
            System.out.println (Thread.currentThread().getName()
                                + " interrupted");
```

```
        }
```

```
    }
```

```
public class TwoThreadDemo {
```

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

```
        DisplayMessageThread thread1 = new
```

```
        DisplayMessageThread ("BMS College of Engineering", 10000);
```

```
        DisplayMessageThread thread2 = new
```

```
        DisplayMessageThread ("CSE", 2000);
```

```
thread1.start();
```

```
thread2.start();
```

```
try {
```

```
    Thread.sleep(20000);
```

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

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

```
}
thread1.interrupt();
```

```
thread2.interrupt();
```

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

Output

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

Main thread exiting.

Thread 1 interrupted.

Thread 2 interrupted.

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