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LAB-9

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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 dept ");
```

```
                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 LabProgram9 {
    public static void main(String[] args) {
        Thread1 obj1 = new Thread1("Dept.name");
        Thread2 obj2 = new Thread2("College name");
        // System.out.println(obj1.name + " " + obj1.t.isAlive());
        // System.out.println(obj2.name + " " + obj2.t.isAlive());

        try {
            obj1.t.join();
            obj2.t.join();
        }
        catch (Exception e) {
            System.out.println("Interrupted");
        }
    }
}

```

OUTPUT :-

BMS college of Engineering

CSE dept

CSE dept

CSE dept

CSE dept

BMS college of Engineering

CSE dept

CSE dept

CSE dept

CSE dept

BMS college of Engineering

CSE dept

CSE dept

CSE dept

CSE dept

BMS college of Engineering

CSE dept

CSE dept

CSE dept

CSE dept

BMS college of Engineering