

11/12/20

Week - 11
Lab - 9

Q7 WAP to create two threads, one displaying BMSCF every 10 seconds & CSE every 2 seconds.

```
import java.util.*;  
class thread implements Runnable {  
    Thread t;  
    String msg;  
    int i, j;  
    int x, y;  
    thread (int m, int l) {  
        t = new Thread (this);  
        if (m == 0) {  
            i = 10000;  
            msg = "BMSCF";  
            j = 1; }  
        else { i = 2000;  
            msg = "CSE";  
            j = 1 + 5; }  
        t.start();  
    }  
    public void run () {  
        try {  
            for (int m = j; m > 0; m--) {  
                System.out.println (msg);  
                Thread.sleep (i); } }  
    }
```

```
catch (InterruptedException e) {
    System.out.println("msg + "interrupted");
}
```

```
}
```

```
class Series {
```

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

```
        int l;
```

```
        Scanner in = new Scanner (System.in);
```

```
        System.out.print("Enter no. of times  
you want to run : ");
```

```
        l = in.nextInt();
```

```
        new Thread(0, l);
```

```
        new Thread(1, l);
```

```
        try { Thread.sleep(10000 * l); }
```

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

```
            System.out.println("Train thread  
was interrupted");
```

```
        }
```

```
    }
```

```
}
```

O/P >

Enter no. of times you want to run : 1

BMSCE

CSE

CSE



CSE

CSE

CSE

Algorithm → ① Ask no of times to run.

② Create two threads.

③ Display thread 1 message and make thread to sleep for 10 seconds

④ Display thread 2 message & make thread to sleep for 2 seconds

⑤ Go to ~~step~~ step 3 again unless thread 2 msg is displayed 5 times the no. entered by user.

⑥ End.