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Batch C2

classmate

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LAB PROGRAM : 9

Write a program which creates two threads, one thread displaying "BMSCE" once every ten seconds and another displaying "CSE" once every two seconds.

```
→ class NewThread implements Runnable {  
    private String name;  
    private int interval;  
    private Thread t;  
    NewThread (String threadname, int interval) {  
        this.name = threadname;  
        this.interval = interval;  
        t = new Thread (this, name);  
        t.start();  
    }  
    public void run() {  
        try {  
            for (int i = 5; i > 0; i--) {  
                System.out.println ("Thread --" + this.name);  
                Thread.sleep (this.interval);  
            }  
        } catch (InterruptedException e) {  
            System.out.println (name + " interrupted");  
        }  
    }  
    class Multithread {  
        public static void main (String args []) {  
            new NewThread ("BMSCE", 10000);  
            new NewThread ("CSE", 2000);  
        }  
    }
```

Multithread - Notepad

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```
class NewThread implements Runnable{  
    private String name;  
    private int interval;  
    private Thread t;  
    NewThread(String threadname,int interval){  
        this.name=threadname;  
        this.interval=interval;  
        t=new Thread(this,name);  
        t.start();  
    }  
    public void run(){  
        try{  
            for(int i=5;i>0;i--){  
                System.out.println("Thread --"+this.name);  
                Thread.sleep(this.interval);  
            }  
        catch(InterruptedException e){  
            System.out.println(name+"Interrupted");  
        }}  
    class Multithread{  
        public static void main(String args[]){  
            new NewThread("BMSCE",10000);  
            new NewThread("CSE",2000);  
        }  
    }
```

```
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00] Lab> javac Multithread.java
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00] Lab> java Multithread
Thread --BMSCE
Thread --CSE
Thread --BMSCE
Thread --BMSCE
Thread --BMSCE
Thread --BMSCE
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00] Lab> ■
```