

LAB PROGRAM: 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 NewThread implements Runnable {
    Thread t;
    NewThread() {
        t = new Thread(this, "Demo Thread");
        t.start();
    }
    public void run() {
        try {
            for(int i = 25; i > 0; i--) {
                System.out.println("CSE");
                Thread.sleep(2000);
            }
        } catch (InterruptedException e) {
            System.out.println("thread2 interrupted.");
        }
        System.out.println("Exiting thread2.");
    }
}

class Thread1 {
    public static void main(String args[]) {
        new NewThread();
        try {
            for(int i = 5; i > 0; i--) {
                System.out.println("BMS College of Engineering");
                Thread.sleep(10000);
            }
        } catch (InterruptedException e) {
            System.out.println("Main thread interrupted.");
        }
        System.out.println("Main thread exiting.");
    }
}
```

OUTPUT:

```
Windows PowerShell
PS D:\sem3\ooj_lab\11-12-2020> javac .\Thread1.java
PS D:\sem3\ooj_lab\11-12-2020> java Thread1
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
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BMS College of Engineering
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CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
CSE
Main thread exiting.
Exiting thread2.
PS D:\sem3\ooj_lab\11-12-2020>
```
