

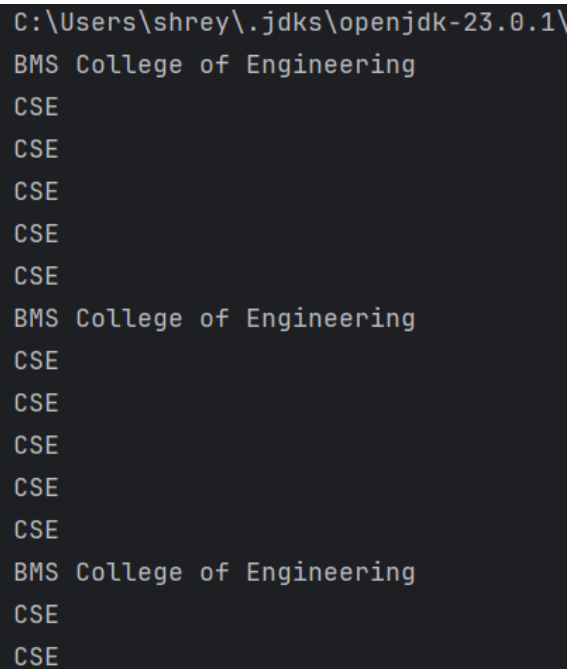
```

class Threads extends Thread{
    String s; int time;
    Threads(String s, int time){
        this.s = s;
        this.time = time;
    }
    public void run(){
        try{
            while(true){
                System.out.println(s);
                Thread.sleep(time * 1000);
            }
        }
        catch(InterruptedException ie){
            System.out.println("Thread occurs: " + ie);
        }
    }
}

public class LP8{
    public static void main(String[] args) {
        Threads t1 = new Threads("BMS College of Engineering", 10);
        Threads t2 = new Threads("CSE", 2);

        t1.start();
        t2.start();
    }
}

```



A screenshot of a terminal window showing the output of a Java program. The window title is "C:\Users\shrey\.jdk\openjdk-23.0.1\". The output consists of two interleaved sequences of text. The first sequence, "BMS College of Engineering", is printed at intervals of 10 seconds. The second sequence, "CSE", is printed at intervals of 2 seconds. The output shows the first thread running for 10 seconds and the second thread running for 2 seconds, with the first thread's output appearing first, followed by the second thread's output, and then the first thread's output again, and so on.

```

C:\Users\shrey\.jdk\openjdk-23.0.1\
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE

```

### LAB PROGRAM-2

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 Threads extends Thread {
    String s, int time;
    Threads (String s, int time) {
        this.s = s;
        this.time = time;
    }

    public void run() {
        try {
            while (true) {
                System.out.println(s);
                Thread.sleep(time * 1000);
            }
        } catch (InterruptedException ie) {
            System.out.println("Thread occurs: " + ie);
        }
    }
}

public class main {
    public static void main (String args[]) {
        Threads t1 = new Threads ("BMS College of Engineering", 10);

        Threads t2 = new Threads ("CSE", 2);
        t1.start();
        t2.start();
    }
}
```

Output

B

C

C

Output ⇒

BMS college of Engineering

CSE

CSE

CSE

CSE

CSE

BMS college of Engineering.

*Of the  
batteries*