

PROGRAM 8:

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.

CODE:

```
class CollegeThread extends Thread {
    @Override
    public void run() {
        try {
            while (true) {
                System.out.println("BMS College of Engineering");
                Thread.sleep(10000); // Sleep for 10 seconds
            }
        } catch (InterruptedException e) {
            System.out.println("CollegeThread interrupted: " +
e.getMessage());
        }
    }
}

class CSEThread extends Thread {
    @Override
    public void run() {
        try {
            while (true) {
                System.out.println("CSE");
                Thread.sleep(2000); // Sleep for 2 seconds
            }
        } catch (InterruptedException e) {
```

```

        System.out.println("CSEThread interrupted: " +
e.getMessage());
    }
}

}

public class MultiThreadDemo {
    public static void main(String[] args) {

        CollegeThread collegeThread = new CollegeThread();
        CSEThread cseThread = new CSEThread();

        collegeThread.start();
        cseThread.start();

    }
}

```

OUTPUT

```

CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE

```

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College of Engineering

CSE

CSE

CSE

CSE

NOTES:

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1. write a program which creates two threads one thread displaying "BMS college of engineering" once & every ~~ten~~ ten seconds and another displaying "CSE" once every two seconds.

```
→ class BMScollegeThread extends Thread {  
    public void run() {  
        try {  
            while (True) {  
                System.out.println("BMS college of  
Engineering");  
                Thread.sleep(10000);  
            }  
        } catch (InterruptedException) {  
            System.out.println("BMS college Thread  
interrupted");  
        }  
    }  
}
```

```
class CSEThread extends Thread {  
    public void run() {  
        try {  
            while (true) {  
                System.out.println("CSE");  
                Thread.sleep(2000);  
            }  
        } catch (InterruptedException) {  
        }  
    }  
}
```

```
public class Main {  
    public static void main (String[] args)  
    {  
        BMScollegeThread bmsThread = new BMS  
collegeThread();  
        CSEThread cseThread = new CSEThread();  
        bmsThread.start();  
        cseThread.start();  
    }  
}
```

output

BMS college of engineering
CSE
CSE
CSE
CSE
CSE.