

WEEK 11

LAB PROGRAM-9

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 Thread1 implements Runnable {  
    String name;  
    Thread t;  
    int time;  
    Thread1(String threadname,int time) {  
        name = threadname;  
        this.time=time;  
        t = new Thread(this, name);  
        System.out.println("thread:" + t);  
        t.start();  
    }  
    public void run() {  
        try {  
            for(int i = 5; i > 0; i--) {  
                System.out.println(name);  
                Thread.sleep(time);  
            }  
        } catch (InterruptedException e) {  
            System.out.println(name + "Interrupted");  
        }  
    }  
}
```

```

System.out.println(name + " exiting.");
}
}
class Threadmain {
public static void main(String args[]) {
Thread1 t1=new Thread1("BMS COLLEGE OF ENGINEERING",10000);
Thread1 t2=new Thread1("CSE",2000);
}
}

```

OUTPUT: In the output, “BMS College of Engineering” gets printed once for every ten seconds and “CSE” once for every two seconds.

```

C:\Users\win10\Documents\Java lab programs>javac Threadmain.java

C:\Users\win10\Documents\Java lab programs>java Threadmain
thread:Thread[BMS COLLEGE OF ENGINEERING,5,main]
thread:Thread[CSE,5,main]
BMS COLLEGE OF ENGINEERING
CSE
CSE
CSE
CSE
CSE
BMS COLLEGE OF ENGINEERING
CSE exiting.
BMS COLLEGE OF ENGINEERING
BMS COLLEGE OF ENGINEERING
BMS COLLEGE OF ENGINEERING
BMS COLLEGE OF ENGINEERING exiting.

```