

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.

```
package DemoThreads;
```

```
public class DisplayThread extends Thread{
    private String message;
    private int interval;

    public DisplayThread(String message,int interval) {
        this.message=message;
        this.interval=interval;
    }
    public void run() {
        while(true) {
            try {
                System.out.println(message);
                Thread.sleep(interval);
            }
            catch(InterruptedException e) {
                e.printStackTrace();
            }
        }
    }
}
```

```
package DemoThreads;
```

```
public class Threadmain {
    public static void main(String args[]) {
        System.out.println("Name: CHANDRAKALA KM");
        System.out.println("USN: 2023BMS02702");
        DisplayThread t1=new DisplayThread("BMSCE",10000);
        DisplayThread t2=new DisplayThread("CSE",2000);
        t1.start();
        t2.start();
    }
}
```

OUTPUT:

Name: CHANDRAKALA KM

USN: 2023BMS02702

BMSCE

CSE

CSE

CSE

CSE

CSE

BMSCE

CSE

CSE

CSE

CSE

CSE

BMSCE

CSE

CSE

CSE

CSE

CSE

BMSCE

2) Write a program which creates two threads one thread displaying "BMS College of Engineering" once every ten seconds & another displaying "CSE" once every two seconds.

```
class DisplayThread extends Thread {  
    private String message;  
    private int interval; // Time interval in ms  
  
    public DisplayThread (String message, int interval) {  
        this.message = message;  
        this.interval = interval;  
    }  
  
    public void run () {  
        while (true) {  
            try {  
                System.out.println (message);  
                Thread.sleep (interval);  
            }  
            catch (InterruptedException e) {  
                e.printStackTrace ();  
            }  
        }  
    }  
}  
  
public class main {  
    public static void main (String args []) {  
        DisplayThread t1 = new DisplayThread ("BMS college  
of Engineering ", 10000); // 10 seconds  
        DisplayThread t2 = new DisplayThread ("CSE", 2000);  
        t1.start ();  
        t2.start ();  
    }  
}
```

output:

BMS College of Engineering

BMS College of Engineering

BMS College of Engineering

BMS College of Engineering

BMS College of Engineering

BMS College of Engineering

BMS College of Engineering

CSE

BMS College of Engineering.

CSE

For  
19/2/24