

LAB 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 DisplayMessage extends Thread{
    String msg;
    int interval;
    DisplayMessage(String msg,int interval){
        this.msg=msg;
        this.interval=interval;
    }
    public void run(){
        for(int i=0;i<10;i++){
            System.out.println(msg);
            try{
                Thread.sleep(interval*1000);
            }
            catch(InterruptedException e){
                System.out.println(e);
            }
        }
    }
}

public class Threadss {
    public static void main(String[] args) {
        System.out.println("Chaitanya N");
        System.out.println("1BM22CS076");
        DisplayMessage t1=new DisplayMessage("BMS COLLEGE OF ENGINEERING",10);
        DisplayMessage t2=new DisplayMessage("CSE",2);
        t1.start();
        t2.start();
    }
}
```

OUTPUT :

```
PS C:\Users\ADMIN\Documents\CSE III\java prgms> cd "c:\Users\ADMIN\Documents\CSE III\java prgms\" ; if ($?) { javac Threadss.java } ; if ($?) { java Threadss }
Chaitanya N
1BM22CS076
BMS COLLEGE OF ENGINEERING
CSE
CSE
CSE
CSE
CSE
BMS COLLEGE OF ENGINEERING
CSE
CSE
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PS C:\Users\ADMIN\Documents\CSE III\java prgms>
```

8. Threads

Creating 2 threads.. thread 1 printing "BMS college of Engineering" for every 10 s. & thread 2 printing "CSE" for every 2 seconds.

```
→ class DisplayMessage extends Thread
{
    String msg;
    int interval;
    DisplayMessage(String msg, int interval)
    {
        this.msg = msg;
        this.interval = interval;
    }
    public void run()
    {
        for (int i = 0; i < 10; i++)
        {
            System.out.println(msg);
            try {
                Thread.sleep(interval * 1000);
            }
            catch (InterruptedException e)
            {
                System.out.println(e);
            }
        }
    }
}
```

class Main

```
{
    public static void main (String args[])
    {
        DisplayMessage t1 = new DisplayMessage ("BMS COLLEGE OF ENGINEERING", 10);
        DisplayMessage t2 = new DisplayMessage ("CSE", 2);
        t1.start();
        t2.start();
    }
}
```

Output:

CSE

BMS COLLEGE OF ENGINEERING

CSE

CSE

CSE

CSE

BMS COLLEGE OF ENGINEERING

CSE

CSE

CSE

CSE

CSE

BMS COLLEGE OF ENGINEERING

BMS COLLEGE OF ENGINEERING

BMS COLLEGE OF ENGINEERING


19.02.24