LAB PROGRAM-7

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.

```java
import java.util.Scanner;
class Bms extends Thread {
synchronized public void run() {
try {
int i=0;
while (i<5) {
sleep(2000);
System.out.println("BMS college of engineering ");
i++;
}
} catch (Exception e) {
}
}
}

class Cse extends Thread {
synchronized public void run() {
try {
int i=0;
while (i<5) {
sleep(10000);
System.out.println("Computer science engineering ");
i++;
}
} catch (Exception e) {
}
}
}


class Main{
public static void main(String args[]) {
Bms t1 = new Bms();
Cse t2 = new Cse();
t1.start();
t2.start();
```

```
Class Call implements Runnable
    {
        String a;
        int x, time;
        Thread t;
        Call (String tn, int ti, int rn)
        {
            a = tn;
            x = rn;
            time = ti;
            t = new thread (this, a);
            t.start();
        }
    public void run()
    {
        try {
            for (int i=0; i<x; i++)
            {
                System.out.print(a);
                Thread.sleep(time);
            }
        }
        }
    catch (Interrupted Exception ie)
```

System.out.println("2nd.output");
}
}
}

CSE
CSE
CSE

Class Lab8
{
    public static void main (String x[])
    new Call ("BMS College of Engineering", 1000);
    new Call ("CSE", 2000, 10);
}

6/11/2023

Output

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

```
Command Prompt                                                            —   □   ×

Microsoft Windows [Version 10.0.17763.1577]
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C:\Users\bmsce>cd C:\Users\bmsce\Desktop\1BM21CS064

C:\Users\bmsce\Desktop\1BM21CS064>set path="C:\Program Files\Java\jdk1.8.0_201\bin"

C:\Users\bmsce\Desktop\1BM21CS064>javac threading.java

C:\Users\bmsce\Desktop\1BM21CS064>java threading
BMS College of Enginnering
CSE
CSE
CSE
CSE
CSE
BMS College of Enginnering
CSE
CSE
CSE
CSE
CSE

C:\Users\bmsce\Desktop\1BM21CS064>_
```