

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.

class Call implements Runnable

```
{
    String a;
    int x,time;
    Thread t;
    Call(String t1,int ti,int x1)
    {
        a=t1;
        x=x1;
        time=ti;
        t=new Thread(this,a);
        t.start();
    }
    public void run()
    {
        try{
            for(int i=0;i<x    ;i++)
            {
                System.out.println(a);
                Thread.sleep(time);
            }
        }
        catch(InterruptedException ie)
        {
            System.out.println("Interrupted execution ");
        }
    }
}
```

```

    }
}
class lab_8
{
public static void main(String xx[])
{
    new Call("BMS College of Engineering",10000,3);
    new Call("CSE",2000,10);
}
}

```

Observation:

PROGRAM-7
Threads

```

class call implements Runnable
{
    String a;
    int x,time;
    Thread t;
    call (String tn, int ti, int ex)
    {
        a = tn;
        x = ex;
        time = ti;
        t = new Thread (this,a);
        t.start();
    }
    public void run()
    {
        try
        {
            for (int i=0; i<x; i++)
            {
                System.out.println (a);
                Thread.sleep (time);
            }
        }
    }
}

```

Catch (InterruptedException ie)

```

{
    System.out.println("interrupted execution");
}
}

```

class Lab-8

```

{
    public static void main (String xx[])
    {
        new call ("BMS college of Engineering", 10000, 2);
        new call ("CSE", 2000, 10);
    }
}

```

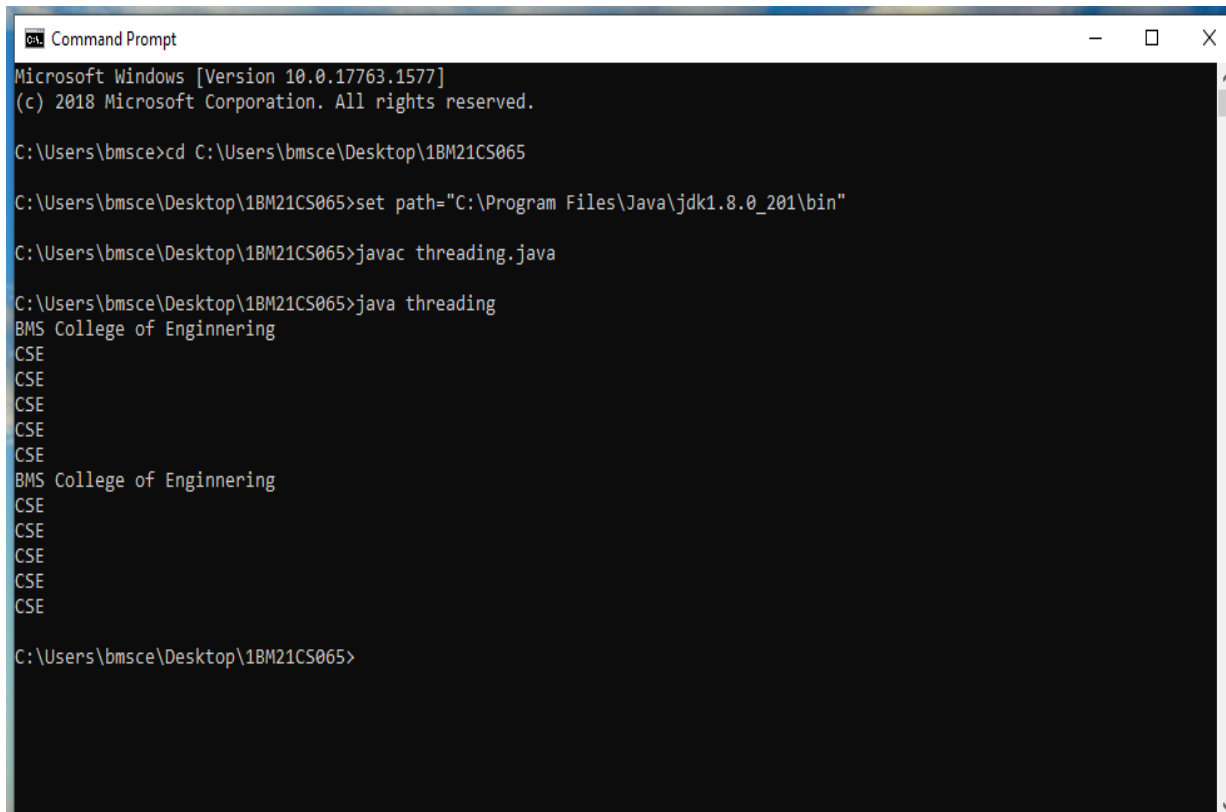
OUTPUT -

BMS college of Engineering
CSE
CSE
CSE
CSE
CSE

BMS college of engineering
CSE
CSE
CSE
CSE
CSE

6/1/2023

output:



```
Command Prompt
Microsoft Windows [Version 10.0.17763.1577]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\bmsce>cd C:\Users\bmsce\Desktop\1BM21CS065

C:\Users\bmsce\Desktop\1BM21CS065>set path="C:\Program Files\Java\jdk1.8.0_201\bin"

C:\Users\bmsce\Desktop\1BM21CS065>javac threading.java

C:\Users\bmsce\Desktop\1BM21CS065>java threading
BMS College of Enginnering
CSE
CSE
CSE
CSE
CSE
CSE
BMS College of Enginnering
CSE
CSE
CSE
CSE
CSE
CSE

C:\Users\bmsce\Desktop\1BM21CS065>
```