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**Class:** 3A

**Lab 2 Question:** Write a program to create two threads one thread displaying “BMS College of Engineering” once every ten seconds and another displaying “CSE” every 2 seconds.

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## Program:

### Thread Demo

Write a program which create two threads, one thread displaying "BMS College of Engineering" once every ten seconds and another displaying "CSE" every 2 seconds.

```
class Painter {  
    static void print (boolean flag)  
    {  
        if (flag)  
            System.out.println("BMS College of Engineering");  
        else  
            System.out.println("CSE");  
    }  
  
class BMS extends Thread {  
    public void run()  
    {  
        try  
        {  
            for (int i=0; i<5; i++)  
            {  
                Painter.print(true);  
                Thread.sleep(10000);  
            }  
        }  
        catch (Exception e )  
        {  
            System.out.println("Error occurred");  
        }  
    }  
}
```

```

class CSE extends Thread {
    public void run()
    {
        try
        {
            for (int i=0; i<10; i++)
            {
                Printer.print(false);
                Thread.sleep(2000);
            }
        }
        catch (Exception e) {
            System.out.println("Error Occurred");
        }
    }
}

```

```

class Main() {
    public static void main(String args[])
    {
        BMS thread1 = new BMS();
        BMS CSE thread2 = new CSE();

        thread1.start();
        thread2.start();
    }
}

```

Output

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

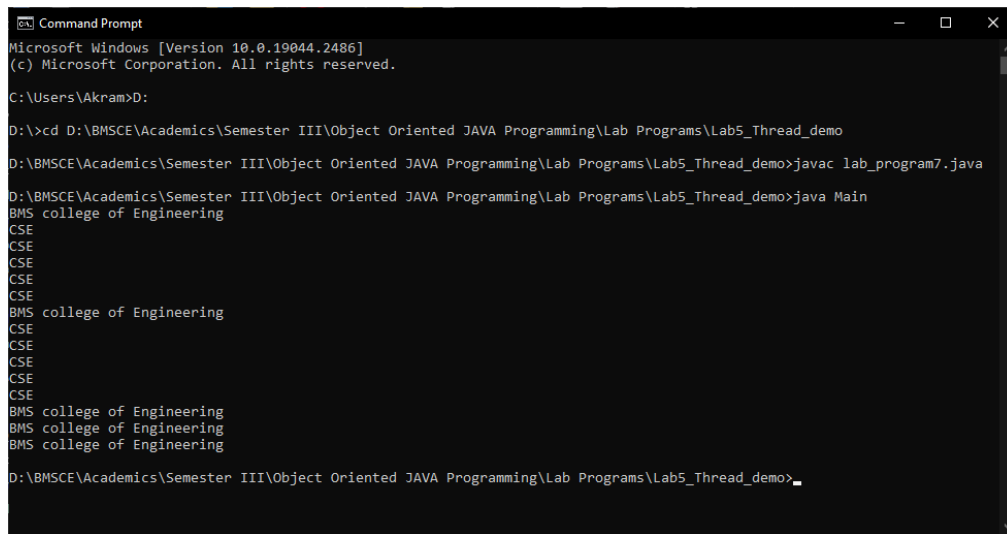
BMS College of Engineering

BMS College of Engineering

BMS college of Engineering

Wali  
6-1-2023

## Output:



```
Command Prompt
Microsoft Windows [Version 10.0.19044.2486]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Akram>D:

D:\>cd D:\BMSCE\Academics\Semester III\Object Oriented JAVA Programming\Lab Programs\Lab5_Thread_demo
D:\BMSCE\Academics\Semester III\Object Oriented JAVA Programming\Lab Programs\Lab5_Thread_demo>javac lab_program7.java
D:\BMSCE\Academics\Semester III\Object Oriented JAVA Programming\Lab Programs\Lab5_Thread_demo>java Main
BMS college of Engineering
CSE
CSE
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
D:\BMSCE\Academics\Semester III\Object Oriented JAVA Programming\Lab Programs\Lab5_Thread_demo>
```