

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.

Source Code:

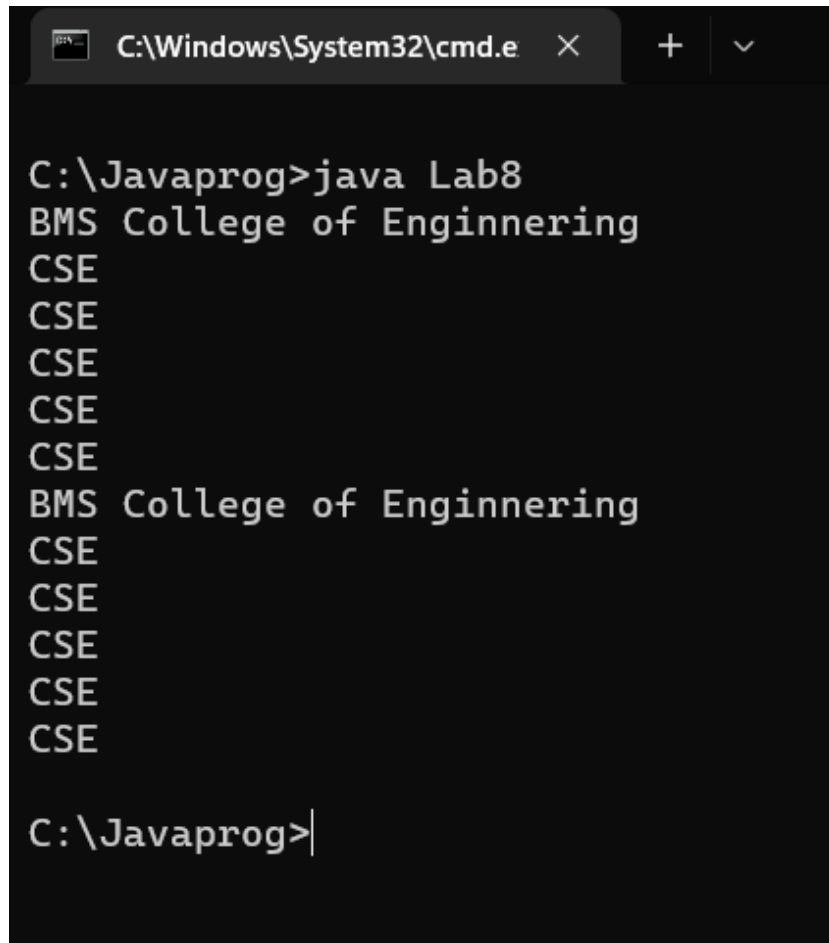
class Call implements Runnable

```
{  
    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("Inturrupted ");  
    }  
}  
}
```

```
class Lab8  
{  
    public static void main(String xx[])  
    {  
        new Call("BMS College of Enginnering",10000,2);  
        new Call("CSE",2000,10);  
    }  
}
```

Output:



```
C:\Windows\System32\cmd.e  X  +  v

C:\Javaprogram>java Lab8
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE

C:\Javaprogram>
```

The image shows a Windows command prompt window with the title bar "C:\Windows\System32\cmd.e". The prompt is "C:\Javaprogram>". The user has entered the command "java Lab8". The output of the program is displayed on the following lines: "BMS College of Engineering", "CSE", "CSE", "CSE", "CSE", "CSE", "BMS College of Engineering", "CSE", "CSE", "CSE", "CSE", "CSE". The prompt "C:\Javaprogram>" is shown again at the bottom, indicating the program has finished execution.