

**USN:1BM19CS216**

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### **WEEK 11 LAB PROGRAM 9:**

**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.**

Week-11

IBM18CS216

12/11/2020

classmate

Lab 9: 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 NewThread implements Runnable
```

```
{
```

```
    Thread t;
```

```
    NewThread();
```

```
{
```

```
    t = new Thread(this, "NThread");
```

```
    t.start();
```

```
}
```

```
public void run()
```

```
{
```

```
    try
```

```
{
```

```
        for (int n = 100; n > 0; n--)
```

```
{
```

```
            System.out.println("CSE");
```

```
            Thread.sleep(2000);
```

```
}
```

```
}
```

```
catch (InterruptedException e)
```

```
{
```

```
    System.out.println("Child Thread Interrupted")
```

```
}
```

```
}
```

```
}
```

```

class
{
    public static void main (String ss[])
    {
        NewThread nt = new NewThread();

        try
        {
            for (int n=5; n > 0; n--)
            {
                System.out.println("BMS College of Engineering  
Thread.sleep(10000);");
            }
        }
        catch (InterruptedException ie)
        {
            System.out.println("main Thread interrupted");
        }
    }
}

```

```

class NewThread implements Runnable
{ Thread t;
  NewThread()
  {
    t = new Thread(this, "NThread");
    t.start();
  }

  public void run()
  {
    try
    {
      for(int n=50;n>0;n--)
      {
        System.out.println("CSE");
        Thread.sleep(2000);
      }
    }
    catch(InterruptedException ie)
    {
      System.out.println("Child Thread Interrupted");
    }
  }
}

```

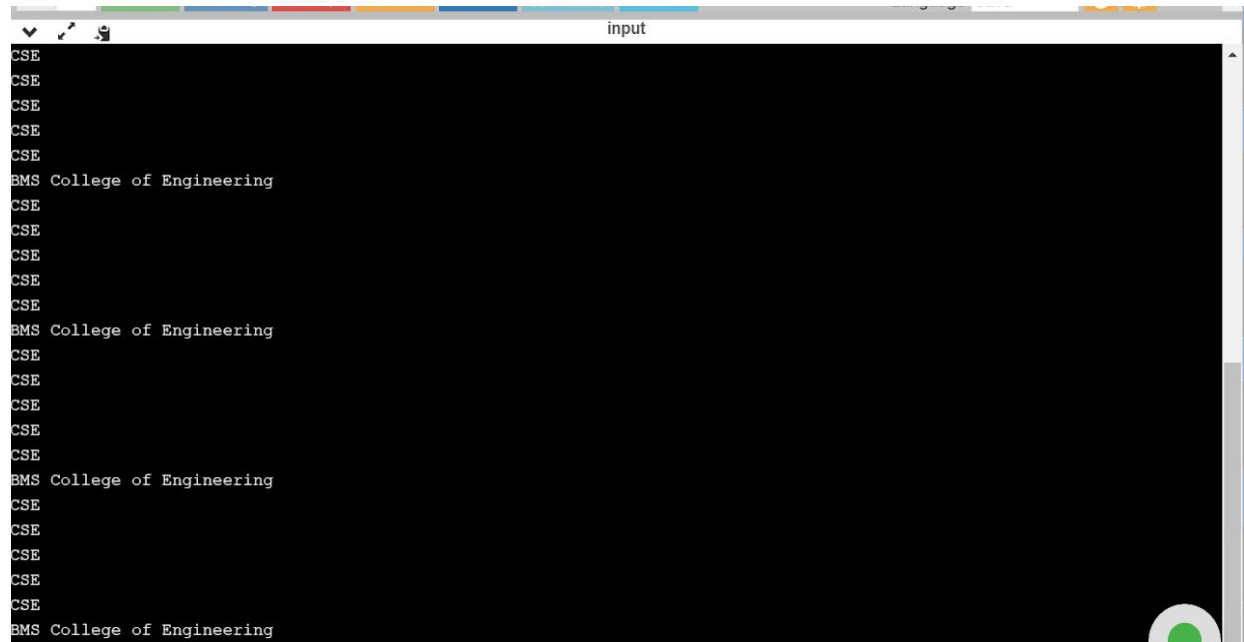
```

class Main
{
  public static void main(String ss[])
  {
    NewThread n1=new NewThread();
    //n1.t.start();

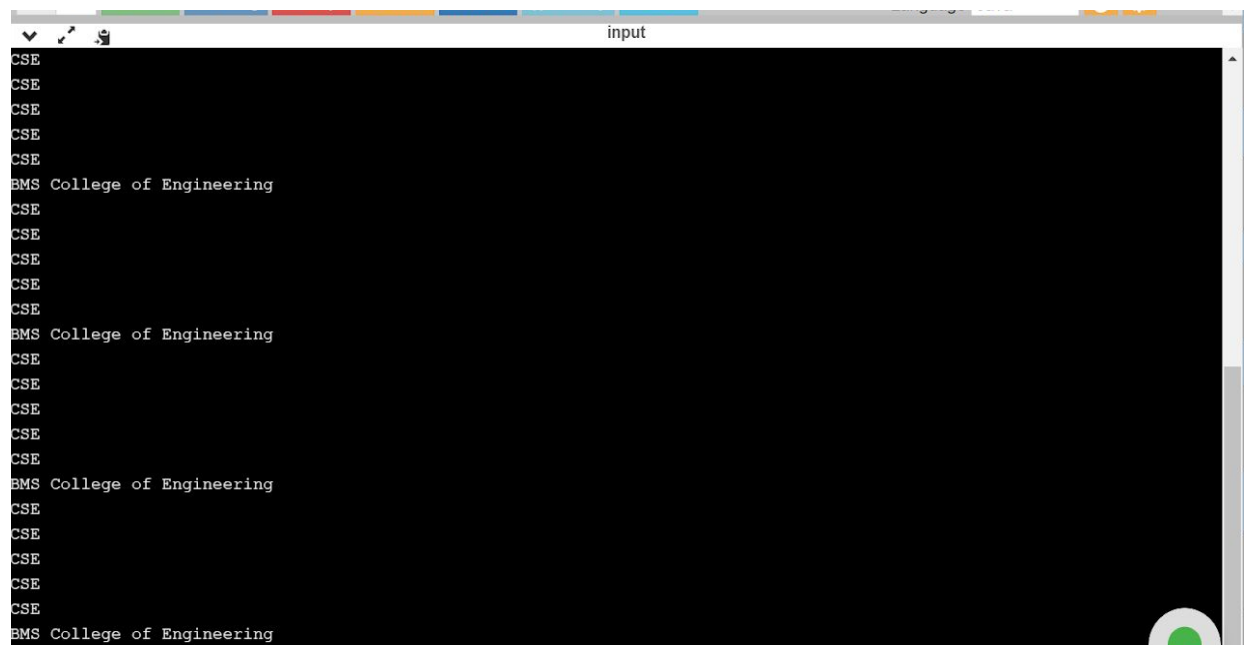
    try
    {
      for(int n=50;n>0;n--)
      {
        System.out.println("BMS College of Engineering");
        Thread.sleep(10000);
      }
    }
    catch(InterruptedException ie)

```

```
{  
    System.out.println("Main Thread interrupted");  
}  
}
```



A screenshot of a Java IDE window titled "input". The console output shows a sequence of lines: "CSE" repeated five times, "BMS College of Engineering", "CSE" repeated three times, "BMS College of Engineering", "CSE" repeated three times, "BMS College of Engineering", "CSE" repeated three times, and "BMS College of Engineering". A green circular icon is visible in the bottom right corner of the console area.



A screenshot of a Java IDE window titled "input". The console output shows a sequence of lines: "CSE" repeated five times, "BMS College of Engineering", "CSE" repeated three times, "BMS College of Engineering", "CSE" repeated three times, "BMS College of Engineering", "CSE" repeated three times, and "BMS College of Engineering". A green circular icon is visible in the bottom right corner of the console area.