

Lab-(7)-6/2/2024

Q

Write a program which starts two threads, one displaying "BMS College of Engineering" one every two seconds and another displaying "CS" one every two seconds.

Source Code:

```
class myThread extends Thread
```

```
{  
    String message;  
    int waitTime;
```

```
    myThread(String message, int waitTime)
```

```
{  
        this.message = message;
```

```
        this.waitTime = waitTime;
```

```
    }  
    public void run()
```

```
{  
        while (true)
```

```
{  
            System.out.println(message);
```

```
            Thread.sleep(waitTime);
```

```
        }  
        catch (InterruptedException e)
```

```
{  
            System.out.println("The  
            thread is interrupted.");  
            break;  
        }  
    }  
}
```

```
}  
class my-thread-main  
{
```

```
    public static void main (String args[])  
    {
```

```
        myThread thread1 = new myThread ("BOM"  
            "College of Engineering", 10000);  
        myThread thread2 = new myThread ("CSE",  
            2000);
```

```
        thread1.start();  
        thread2.start();
```

```
        try  
        {
```

```
            thread1.sleep(20000);
```

```
        } catch (InterruptedException e)  
        {
```

```
            System.out.println("main thread  
                is interrupted");
```

```
        }  
        thread1.interrupt();  
        thread2.interrupt();
```

```
    }  
}
```

```
}
```

```
}
```

Output:

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

The process is interrupted.

The process is interrupted.

R  
6/2/2024