

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 Thread1 implements Runnable
{
```

```
    String name;
```

```
    Thread t;
```

```
    Thread1(String threadname)
```

```
{
```

```
        name = threadname;
```

```
        t = new Thread(this, name);
```

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

```
}
```

```
    public void run()
```

```
{
```

```
        try {
```

```
            for (int i = 5; i > 0; i--)
```

```
            {
                System.out.println("Thread1 : " + name);
                Thread.sleep(10000);
            }

```

```
        }
```

```
    }
```

```
    catch (InterruptedException e)
```

```
{
```

```
        System.out.println(name + " Interrupted");
```

```
}
```

```
        System.out.println(name + " exiting");
```

```
}
```

```
}
```

```
class Thread2 implements Runnable
{
```

```
    String name;
```

```
    Thread t1;
```

```
    Thread2 (String threadname)
    {
```

```
        name = threadname;
```

```
        t1 = new Thread (this, name);
```

```
        t1.start();
```

```
    }
```

```
    public void run()
    {
```

```
        try {
```

```
            for (int i = 5; i > 0; i--)
            {
```

```
                System.out.println (name + "Thread 2: " + name);
```

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

```
            }
```

```
        }
```

```
        catch (InterruptedException e)
```

```
        {
```

```
            System.out.println (name + " Interrupted ");
```

```
        }
```

```
        System.out.println (name + " exiting");
```

```
    }
```

```
}
```

```
class Lab9
```

```
{
```

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

```
        new Thread1 (" BMS COLLEGE OF ENGINEERING");
```

```
        new Thread2 (" CSE ");
```


try {

Thread.sleep(100000);

System.out.println("Main thread is awake");

}

catch (InterruptedException e)

{

System.out.println("Main thread interrupted");

}

System.out.println("Main thread exiting");

}

}