

Lab 9. Threads

```
class BMSThread
```

```
{
```

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

```
{
```

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

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

```
        try
```

```
{
```

```
            a.t.join();
```

```
            b.t.join();
```

```
        }
```

```
        catch (InterruptedException e)
```

```
{
```

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

```
        }
```

```
    }
```

```
}
```

```
class Thread1 implements Runnable
```

```
{
```

```
    String name;
```

```
    Thread t;
```

```
    Thread1 (String threadname)
```

```
{
```

```
        name = threadname;
```

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

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

```
    }
```



```

public void run()
{
    try
    {
        while(true)
        {
            System.out.println(name);
            Thread.sleep(10000);
        }
    }
    catch (InterruptedException e)
    {
        System.out.println("Interrupted in BMS");
    }
}
}

```

```

class Thread2 implements Runnable
{
    String name;
    Thread t;
    Thread2(String threadname)
    {
        name = threadname;
        t = new Thread(this, name);
        t.start();
    }
}

```



```
public void run()
```

```
{  
    try
```

```
{  
    while (true)
```

```
{  
        System.out.println(name);  
        Thread.sleep(2000);
```

```
    }
```

```
    catch (InterruptedException e)
```

```
{
```

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

```
    }
```

```
}
```

```
}
```


Expected output

BMS COLLEGE OF ENGINEERING

CSE

CSE

CSE

CSE

CSE

BMS COLLEGE OF ENGINEERING

~~BMS COLLEGE OF ENGINEERING~~

CSE

CSE

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