

WEEK - 8 .

6/02/24

```
import java.util.*;  
  
class ThreadOne implements Runnable  
{  
    String a;  
    ThreadOne (String b)  
    {  
        a = b;  
        Thread t = new Thread (this, a);  
        t.start();  
    }  
    public void run()  
    {  
        try  
        {  
            while (true)  
            {  
                System.out.println (a);  
                Thread.sleep (10000);  
            }  
        }  
        catch (InterruptedException e)  
        {  
            System.out.println (a + "interrupted");  
        }  
        System.out.println (a + "exiting");  
    }  
}
```

class Threadtwo implements Runnable

{

String a;

Threadtwo (String b)

{

a = b;

Threadtwo (String b)

{

a = b;

Thread t = new Thread (this, a);

t.start();

}.

public void run()

{

try

{

while (true)

{

System.out.println(a);

Thread.sleep(2000);

}.

}.
}

catch (InterruptedException e)

{

System.out.println(a + "interrupted");

}.
}

System.out.println(a + "interrupted^{exiting}");

}.
}

}.
}

}

```

class mainthread
{
    public static void main (String args[])
    {
        new ThreadOne ("BMSCE");
        new ThreadTwo ("CSE");
    }
}

```

OUTPUT:

BMSCE

CSE // after 2sec.

CSE

CSE

CSE

CSE

BMSCE // after 10s

CSE

CSE

CSE

CSE

CSE

BMSCE