

		exception if son's age is > father's age.
9	V	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.
10	V	Write a program that creates a user interface to perform integer divisions. The

## LAB PROGRAM 17-9

```

class NewThread implements Runnable {
    private String name;
    private int interval;
    private Thread t;
    NewThread (String threadname, int interval) {
        this.name = threadname;
        this.interval = interval;
        t = new Thread (this, name);
        t.start();
    }
    public void run() {
        try {
            for (int i=10; i>0; i--) {
                System.out.println ("Thread --" + this.name);
                Thread.sleep (this.interval);
            }
        } catch (InterruptedException e) {
            System.out.println (name + " Interrupted");
        }
    }
}

class MultiThread {
    public static void main (String args[]) {
        new NewThread ("BZSC", 10000);
        new NewThread ("CSE", 2000);
    }
}

```

File Edit Format View Help

```
class NewThread implements Runnable{
private String name;
private int interval;
private Thread t;
NewThread(String threadname,int interval){
this.name=threadname;
this.interval=interval;
t=new Thread(this,name);
t.start();
}
public void run(){
try{
for(int i=10;i>0;i--){
System.out.println("Thread --"+this.name);
Thread.sleep(this.interval);
}}
catch(InterruptedException e){
System.out.println(name+"Interrupted");
}}
class Multithread1{
public static void main(String args[]){
new NewThread("BMSCE",10000);
new NewThread("CSE",2000);
}}
```

```
Fileps C:\Users\sarayu\Desktop\ooj> javac Multithread1.java
```

```
PS C:\Users\sarayu\Desktop\ooj> java Multithread1
```

Thread --BMSCE

Thread --CSE

Thread --CSE

Thread --CSE

Thread --CSE

Thread --CSE

Thread --BMSCE

Thread --CSE

Thread --CSE

Thread --CSE

Thread --CSE

Thread --CSE

Thread --BMSCE

Thread --BMSCE

Thread --BMSCE

Thread --BMSCE

Thread --BMSCE

Thread --BMSCE

Thread --BMSCE

```
Thread --BMSCE
```

```
PS C:\Users\sarayu\Desktop\ooj>
```