```
class NewThread extends Thread {
NewThread() {

super("Demo Thread");
System.out.println("Child thread: " + this);
start();
}
public void run() {
try {
for(int i=0;i<15;i++) {
System.out.println("Child Thread: CSE");
Thread.sleep(2000);
}
} catch (InterruptedException e) {
System.out.println("Child interrupted.");
}
System.out.println("Exiting child thread.");
}
}
class Thread2 {
public static void main(String args[]) {
new NewThread();
try {
for(int i=0;i<3;i++) {
System.out.println("Main Thread: BMS college of Engneering");
Thread.sleep(10000);
}
} catch (InterruptedException e) {
System.out.println("Main thread interrupted.");
}
System.out.println("Main thread exiting.");
}
}
```

```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19042.746]
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C:\Users\PUNEETH K\Desktop\JAVA>javac Thread2.java

C:\Users\PUNEETH K\Desktop\JAVA>java Thread2
Child thread: Thread[Demo Thread,5,main]
Main Thread: BMS college of Engneering
Child Thread: CSE
Child Thread: CSE
Child Thread: CSE
Child Thread: CSE
Child Thread: CSE
Main Thread: BMS college of Engneering
Child Thread: CSE
Child Thread: CSE
Child Thread: CSE
Child Thread: CSE
Child Thread: CSE
Main Thread: BMS college of Engneering
Child Thread: CSE
Child Thread: CSE
Child Thread: CSE
Child Thread: CSE
Child Thread: CSE
Main thread exiting.
Exiting child thread.

C:\Users\PUNEETH K\Desktop\JAVA>_
```

```java
class NewThread extends Thread {
  NewThread () {
    super ("Demo thread");
    System.out.println ("child thread : "+this);
    start();
  }
  public void run () {
    try {
      for (int i = 0; i < 15; i++) {
        System.out.println (" child Thread : CSE ");
        Thread.sleep (2000);
      }
    } catch (Interrupted Exeption e) {
      System.out.println (" child interrupted;") ;
    }
    System.out.println (" Exiting child thread");
  }
}
class thread2 {
  public static void main (String args[]) {
    new NewThread ();
    try {
      for (int i = 0; i < 3 ; i++) {
        System.out.println ("Main Thread : BMS college of Engneering");
        Thread.sleep (10000);
      }
    }
  }
```

```java
catch (InterruptedException e) {
    System.out.println("Main thread interrupted.");
}
System.out.println("Main thread exiting.");
}
}
```