

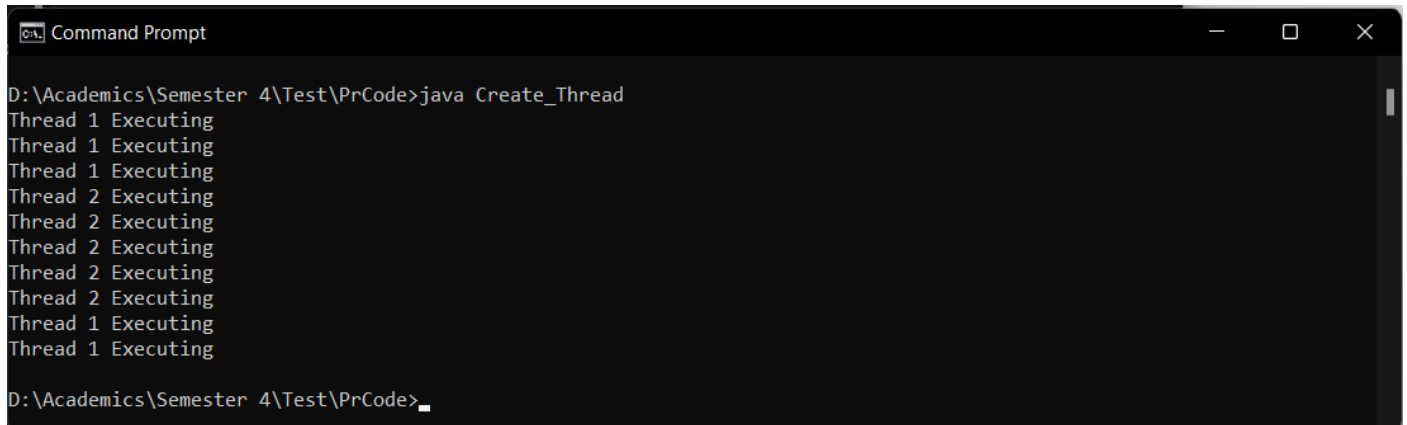
```

class MyThread1 extends Thread {
    public void run() {
        int i = 0;
        while (i < 5) {
            System.out.println("Thread 1 Executing");
            i++;
        }
    }
}

class MyThread2 extends Thread {
    public void run() {
        int i = 0;
        while (i < 5) {
            System.out.println("Thread 2 Executing");
            i++;
        }
    }
}

public class Create_Thread {
    public static void main(String args[]) {
        MyThread1 t1 = new MyThread1();
        MyThread2 t2 = new MyThread2();
        t1.start();
        t2.start();
    }
}

```



```

Command Prompt
D:\Academics\Semester 4\Test\PrCode>java Create_Thread
Thread 1 Executing
Thread 1 Executing
Thread 1 Executing
Thread 2 Executing
Thread 2 Executing
Thread 2 Executing
Thread 2 Executing
Thread 2 Executing
Thread 1 Executing
Thread 1 Executing
D:\Academics\Semester 4\Test\PrCode>_

```

```

class MyThread1 extends Thread{
    public void run(){
        int i= 0;
        while(i<5){
            if(i == 2)
            {
                try {
                    sleep(5000);
                } catch (InterruptedException e) {
                    e.printStackTrace();
                }
            }
            System.out.println("Awake Thread");
            i++;
        }
    }
}

class MyThread2 extends Thread{
    public void run(){
        int i = 0;
        while(i<5){
            System.out.println("Thread 2 Executing");
            i++;
        }
    }
}

public class SimultaneousProcess {
    public static void main(String args[]){
        MyThread1 t1 = new MyThread1();
        MyThread2 t2 = new MyThread2();
        t1.start();
        t2.start();
    }
}

```

```

Command Prompt - java SimultaneousProcess
Thread 2 Executing
Awake Thread
Awake Thread
Awake Thread

D:\Academics\Semester 4\Test\ExQ1>java SimultaneousProcess
Awake Thread
Awake Thread
Thread 2 Executing
Thread 2 Executing
Thread 2 Executing
Thread 2 Executing
Thread 2 Executing

```

```

Command Prompt
D:\Academics\Semester 4\Test\ExQ1>java SimultaneousProcess
Awake Thread
Awake Thread
Thread 2 Executing
Thread 2 Executing
Thread 2 Executing
Thread 2 Executing
Thread 2 Executing
Awake Thread
Awake Thread
Awake Thread

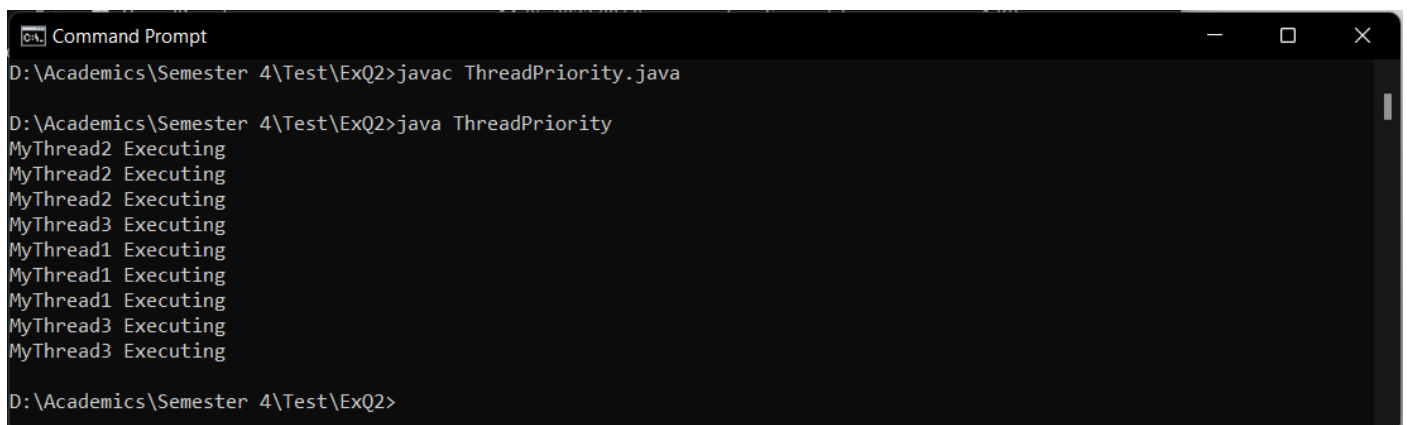
D:\Academics\Semester 4\Test\ExQ1>

```

```

class MyThread1 extends Thread{
    public void run(){
        int i = 0;
        while(i<3){
            System.out.println("MyThread1 Executing");
            i++;
        }
    }
}
class MyThread2 extends Thread{
    public void run(){
        int i = 0;
        while(i<3){
            System.out.println("MyThread2 Executing");
            i++;
        }
    }
}
class MyThread3 extends Thread{
    public void run(){
        int i = 0;
        while(i<3){
            System.out.println("MyThread3 Executing");
            i++;
        }
    }
}
public class ThreadPriority {
    public static void main(String args[]){
        MyThread1 t1 = new MyThread1();
        MyThread2 t2 = new MyThread2();
        MyThread3 t3 = new MyThread3();
        t1.setPriority(Thread.MIN_PRIORITY);
        t2.setPriority(Thread.MIN_PRIORITY);
        t3.setPriority(Thread.MAX_PRIORITY);
        t1.start();
        t2.start();
        t3.start();
    }
}

```



```

Command Prompt
D:\Academics\Semester 4\Test\ExQ2>javac ThreadPriority.java
D:\Academics\Semester 4\Test\ExQ2>java ThreadPriority
MyThread2 Executing
MyThread2 Executing
MyThread2 Executing
MyThread3 Executing
MyThread1 Executing
MyThread1 Executing
MyThread1 Executing
MyThread3 Executing
MyThread3 Executing
D:\Academics\Semester 4\Test\ExQ2>

```