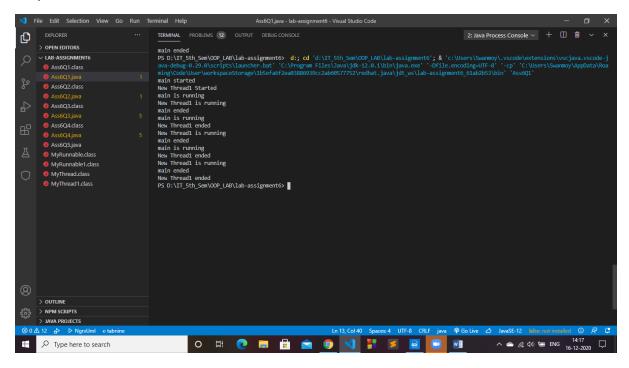
```
public class Ass6Q1
    public static void main(String[] args)
        System.out.println(Thread.currentThread().getName()+" started");
        MyThread t=new MyThread("New Thread1");
        for(int i=0;i<3;i++)
            System.out.println(Thread.currentThread().getName()+" is running")
            try {
                Thread.sleep(500);
            } catch (InterruptedException ex) {
                System.out.println(ex);
            System.out.println(Thread.currentThread().getName()+" ended");
        }
class MyThread extends Thread
    public MyThread(String name)
        super(name);
        System.out.println(name+" Started");
        start();
    public void run()
        for(int i=0;i<3;i++)</pre>
            System.out.println(Thread.currentThread().getName()+" is running")
            try {
                Thread.sleep(500);
            } catch (InterruptedException ex) {
                System.out.println(ex);;
            System.out.println(Thread.currentThread().getName()+" ended");
        return;
```

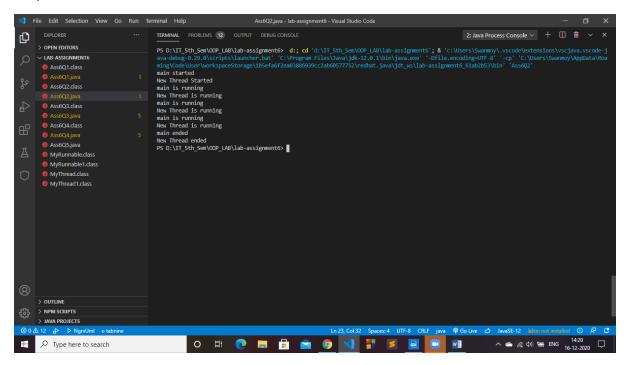


2.

```
public class Ass6Q2 {
    public static void main(String[] args)
        System.out.println(Thread.currentThread().getName()+" started");
        MyRunnable ob=new MyRunnable("New Thread");
        for(int i=0;i<3;i++)</pre>
            System.out.println(Thread.currentThread().getName()+" is running")
            try {
                Thread.sleep(500);
            } catch (InterruptedException ex) {
                System.out.println(ex);;
        }
        System.out.println(Thread.currentThread().getName() + " ended");
class MyRunnable implements Runnable
    public MyRunnable(String name)
        Thread t=new Thread(this, name);
        System.out.println(name+ " Started");
```

```
t.start();
}
public void run()
{
    for(int i=0;i<3;i++)
    {
        System.out.println(Thread.currentThread().getName()+" is running")
}

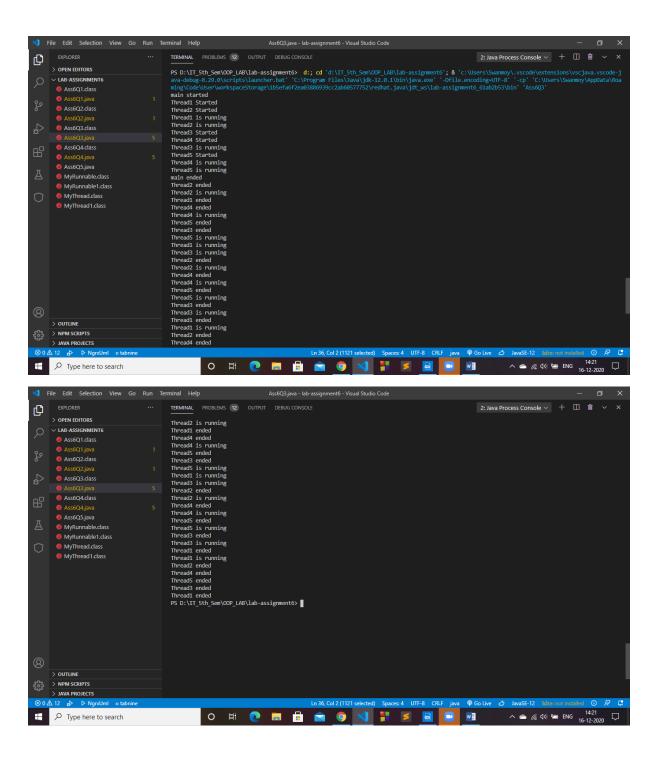
try {
        Thread.sleep(500);
    } catch (InterruptedException ex) {
        System.out.println(ex);;
    }
    }
    System.out.println(Thread.currentThread().getName() + " ended");
}
</pre>
```



3.

```
public class Ass6Q3 {
    public static void main(String[] args)
    {
        System.out.println(Thread.currentThread().getName()+" started");
```

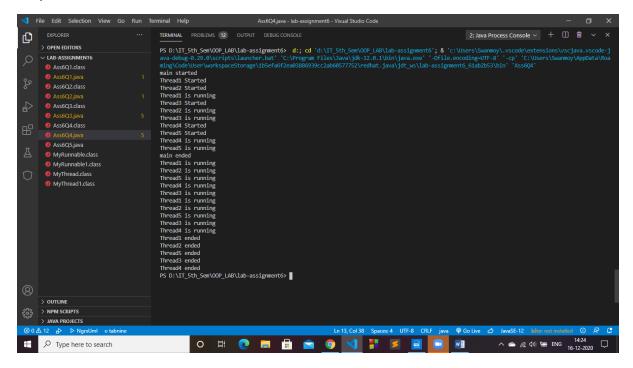
```
MyThread1 t1=new MyThread1("Thread1", 2);
        MyThread1 t2=new MyThread1("Thread2", 4);
        MyThread1 t3=new MyThread1("Thread3", 1);
        MyThread1 t4=new MyThread1("Thread4", 5);
        MyThread1 t5=new MyThread1("Thread5", 3);
        System.out.println(Thread.currentThread().getName() + " ended");
class MyThread1 extends Thread
   public MyThread1(String name, int pr)
        super(name);
        System.out.println(name+" Started");
        this.setPriority(pr);
        start();
   public void run()
        for(int i=0;i<3;i++)</pre>
            System.out.println(Thread.currentThread().getName()+" is running")
            try {
                Thread.sleep(500);
            } catch (InterruptedException ex) {
                System.out.println(ex);;
            System.out.println(Thread.currentThread().getName()+" ended");
        }
        return;
```



4.

```
public class Ass6Q4 {
    public static void main(String[] args)
    {
        System.out.println(Thread.currentThread().getName()+" started");
        MyRunnable1 t1=new MyRunnable1("Thread1", 5);
        MyRunnable1 t2=new MyRunnable1("Thread2", 1);
        MyRunnable1 t3=new MyRunnable1("Thread3", 2);
```

```
MyRunnable1 t4=new MyRunnable1("Thread4", 4);
       MyRunnable1 t5=new MyRunnable1("Thread5", 3);
       System.out.println(Thread.currentThread().getName() + " ended");
   }
class MyRunnable1 implements Runnable
   public MyRunnable1(String name, int pr)
       Thread t=new Thread(this, name);
       System.out.println(name+ " Started");
       t.setPriority(pr);
       t.start();
   public void run()
       for(int i=0;i<3;i++)</pre>
            System.out.println(Thread.currentThread().getName()+" is running")
           try {
                Thread.sleep(500);
            } catch (InterruptedException ex) {
                System.out.println(ex);;
       System.out.println(Thread.currentThread().getName() + " ended");
```



5.

```
public class Ass605 {
    public static void main(String[] args)
        System.out.println(Thread.currentThread().getName()+" started");
        MyRunnable2 t1=new MyRunnable2("Thread1", 5);
        MyRunnable2 t2=new MyRunnable2("Thread2", 1);
        MyRunnable2 t3=new MyRunnable2("Thread3", 2);
        MyRunnable2 t4=new MyRunnable2("Thread4", 4);
        MyRunnable2 t5=new MyRunnable2("Thread5", 3);
        System.out.println("Thread1 is Alive-"+ t1.isAlive());
        System.out.println("Thread2 is Alive-"+ t2.isAlive());
        System.out.println("Thread3 is Alive-"+ t3.isAlive());
        System.out.println("Thread4 is Alive-"+ t4.isAlive());
        System.out.println("Thread5 is Alive-"+ t5.isAlive());
        System.out.println("Main is Alive-
"+ Thread.currentThread().isAlive());
        try {
            t1.join();
            t2.join();
            t3.join();
            t4.join();
            t5.join();
        } catch (InterruptedException ex) {
            System.out.println(ex);
```

```
}
       System.out.println("Thread1 is Alive-"+ t1.isAlive());
       System.out.println("Thread2 is Alive-"+ t2.isAlive());
       System.out.println("Thread3 is Alive-"+ t3.isAlive());
       System.out.println("Thread4 is Alive-"+ t4.isAlive());
       System.out.println("Thread5 is Alive-"+ t5.isAlive());
       System.out.println("Main is Alive-
"+ Thread.currentThread().isAlive());
       System.out.println(Thread.currentThread().getName() + " ended");
   }
class MyRunnable2 extends Thread
   public MyRunnable2(String name, int pr)
       super(name);
       System.out.println(name+ " Started");
       this.setPriority(pr);
       start();
   public void run()
       for(int i=0;i<3;i++)</pre>
            System.out.println(Thread.currentThread().getName()+" is running")
           try {
                Thread.sleep(500);
            } catch (InterruptedException ex) {
                System.out.println(ex);;
        }
       System.out.println(Thread.currentThread().getName() + " ended");
```

