

ExampleThread.java

```
public class ExampleThread extends Thread
```

```
{
```

```
    private String name;
```

```
    private String text;
```

```
    private final int REPEATS = 5;
```

```
    private final int DELAY = 200;
```

```
    public ExampleThread( String aName, String aText )
```

```
    {
```

```
        name = aName;
```

```
        text = aText;
```

```
    }
```

```
    public void run()
```

```
    {
```

```
        try
```

```
        {
```

```
            String threadName = Thread.currentThread().getName();
```

```
            long threadID = Thread.currentThread().getId();
```

```
            int threadPri = Thread.currentThread().getPriority();
```

```
            String ThreadString = Thread.currentThread().toString();
```

```
            //name, priority and threadgroup
```

```
            // Thread.currentThread().setPriority(MAX_PRIORITY);
```

```
            for ( int i = 0; i < REPEATS; ++i )
```

```
            {
```

```

        System.out.println( name + " says \"" + text + "\" Thread Name:" + threadName + " ID: " +
threadID + " Priority: " + threadPri + " " + ThreadString );

        Thread.sleep( DELAY );

    }

}

catch( InterruptedException exception )

{

    System.out.println( "An error occured in " + name );

}

finally

{

    // Clean up, if necessary

    System.out.println( name + " is quitting..." );

}

}

}

```

ThreadTest.java

```
public class ThreadTest
```

```
{
```

```
    public static void main( String[] args )
```

```
    {
```

```
        ExampleThread et1 = new ExampleThread( "Thread # 1", "Hello World!" );
```

```
        ExampleThread et2 = new ExampleThread( "Thread # 2", "Hey Earth!" );
```

```
        ExampleThread et3 = new ExampleThread( "Thread # 3", "Hi EveryOne!" );
```

```
        ExampleThread et4 = new ExampleThread( "Thread # 4", "priority Thrd!" );
```

```
        // Thread t1 = new Thread( et1 );
```

```
        // Thread t2 = new Thread( et2 );
```

```
        // t1.start();
```

```
        // t2.start();
```

```
        //et1.setPriority(10);
```

```
        et4.setPriority(10);
```

```
        et1.setPriority(8);
```

```
        et3.setPriority(7);
```

```
        et1.start();
```

```
        et2.start();
```

```
        et3.start();
```

```
        et4.start();
```

```
        // et1.interrupt();
```

```
        //t1.interrupt();
```

```
    }
```

```
}
```