

Write a program that should parse the URL <http://helloworld.com:80/files/tutorial> and display its protocol, authority, host, port and path.

```
package swwing;
import java.net.*;
import java.io.*;
public class swngrndm{
    public static void main(String[] args) throws Exception {
        URL aURL = new URL("http://helloworld.com:80/files/tutorial");
        System.out.println("protocol = " + aURL.getProtocol());
        System.out.println("authority = " + aURL.getAuthority());
        System.out.println("host = " + aURL.getHost());
        System.out.println("port = " + aURL.getPort());
        System.out.println("path = " + aURL.getPath());
    }
}
```