

# Computer Science I

CMSC 120

## -Twitter Feed

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Goals	Get a tiny Java program running that retrieves the Twitter timeline (tweets) for a given screen name.
Instructions	<ol style="list-style-type: none"><li>1. Enter the program below into the text editor or IDE of your choice.</li><li>2. Get it to compile successfully using javac.</li><li>3. Test it by executing it (with the java command) and trying to break it.</li><li>4. Debug the problems.</li><li>5. Repeat from step 3 until you are rilly rilly convinced that works.</li><li>6. Change the screen name to your own or somebody else's.</li><li>7. Go back to step 3 again until this too works.</li><li>8. Submit it.</li></ol>
Submitting	<ol style="list-style-type: none"><li>1. E-mail your program as a text file to Alan.Labouseur@Marist.edu. The subject line should be "Assignment Title - Last name". Except don't write "Last name". Rather, write your own last name. And use the real assignment title (above) as well.</li><li>2. Print out your source code and hand it in at the start of the class in which it is due. Please include your name, the date, and the assignment name in your comments in the code.</li></ol>

### TwitterTest.java

```
import java.net.*;
import java.io.*;
public class TwitterTest
{
    public static void main(String[] args) throws Exception
    {
        URL twitter = new
            URL("http://twitter.com/statuses/user_timeline.xml?screen_name=compsci1");
        InputStreamReader stream = new InputStreamReader( twitter.openStream() );
        BufferedReader input = new BufferedReader(stream);
        String line = "";
        line = input.readLine();
        while ( line != null )
        {
            String twitterResponse = line.trim();
            if (twitterResponse.substring(0,6).equals("<text>"))
            {
                System.out.println( twitterResponse );
            }
            line = input.readLine();
        }
        input.close();
        stream.close();
    }
}
```