Project 1 Due Tuesday at 7 PM
Project 2 Now Available : Due July 12th at 7 PM
Course Content:
- Reading and writing textual information

```cpp
#include <iostream>
#include <string>   // textual substitution
using namespace std;

int main( ) {
    string s;
    cin >> s;
    cout << s << endl;
    return( 0 );
}
```

INPUT: Howard
OUTPUT: Howard

INPUT: Howard Stahl
OUTPUT: Howard

>> eats leading whitespace and breaks on the first
whitespace it encounters

```
#include <iostream>
#include <string>

using namespace std;

int main( )
{
    string s;
    getline( cin,  s );
    cout << s << endl;
    return( 0 );
}
```

INPUT:    Howard
OUTPUT:  Howard

INPUT:     Howard Stahl
OUTPUT: Howard Stahl

getline breaks on the first newline it encounters and eats the newline. It won't be part of the data.

```
#include <iostream>
```
```cpp
#include <string>

using namespace std;

int main()
{
    int i;
    cin >> i;
    string s;
    getline( cin,  s );
    cout << s << endl;
    return( 0 );
}

INPUT: 45
Howard Stahl
OUTPUT: 45

>> leaves the \n in the input stream which then causes getline to choke

#include <iostream>
#include <string>
#include <climits>
```
using namespace std;

int main( )
{
    int i;
    cin >> i;
    // to push past the newline
    cin.ignore( INT_MAX, '
' );
    string s;
    getline( cin, s );
    cout << s << endl;
    return( 0 );
}

INPUT: 45

Howard Stahl

OUTPUT:

SUMMARY: If you are mixing getline and >>, remember to push past the newline after using >> but before calling getline

Course Content:
- Lecture 2 deals with Flow of Control

Short Circuiting and mixing && and II

if ( (x < y || i != 1) || (j == 12 || 8 < y ))
{

Given no guidance from you, && occurs before ||
( ) never hurts EVER.
G31 - want parenthesis when you mix && and ||
Demonstration Of SEASNet - lnxsrv07.seas.ucla.edu
lnxsrv09.seas.ucla.edu

- Setup your network settings for the UCLA VPN
  Slightly different process on Windows / Mac
- Or Alternatively...
  Use the CISCO Client software for Mac or Windows
  Login in with your CCLE username and password
  Connect to ssl.vpn.ucla.edu
  (Your SEASnet account username and password will be different)
- Windows: use PuTTY to lnxsrv07.seas.ucla.edu
  or lnxsrv09.seas.ucla.edu
- Mac: use Terminal : ssh lnxsrv07.seas.ucla.edu -l username
  or lnxsrv09.seas.ucla.edu
  (For these commands, you should be using your SEASnet username and password)
- be sure the command: ls ~/Desktop completes without any error statements generated
- setup command : curl -s -L http://cs.ucla.edu/classes/summer17/cs31/Utilities/setupg31 | bash
  then logout, then log back in
- FTP file across
  Filezilla on Windows or on the Mac
  sftp on the Mac
  - g31 filename.cpp -o runnable
  - ./runnable