Notes from Class

Thursday, January 14, 2016   4:00 PM

Revisit compiling on the Linux Server : lnxsrv07 or lnxsrv09.seas.ucla.edu
  - VPN
  - Windows: use PuTTY, Filezilla
  - Mac: use Terminal
  - be sure the command: ls ~/Desktop   completes without any error statements generated
  - setup command :   curl -s -L http://cs.ucla.edu/classes/winter16/cs31/Utilities/setupg31 | bash
    then logout, then log back in
  - On Windows, FTP source file across using a secure FTP click to grad.seas.ucla.edu with port value 22
  - On the Mac, use   scp file.cpp username@lnxsrv07.seas.ucla.edu:Desktop
  - g31 -o something something.cpp
Student Questions:
  1. .cpp Files Are Just Text Files
     They Won't Build Without A Solution Or Xcode Project Powering Them…
     They Won't Run Without Being Compiled
  2. Undefined Program Behavior:

```
int main( )
{
    int n;
    int m = 42 * n;
}
```

  3. On The Issue Of Hypens:

```
cout << "---" << endl;
```

  4. On The Issue Of Customer Type:

```
Customer Type:
Customer Type:            Business
Customer Type: BUSINESS
Customer Type: B-U-S-I-N-E-S-S
Customer Type: Businesses
Customer Type: Business
```

```
string s;
cin >> s;


getline( cin, s );
```

DATA:

```
                            int i;
                            string s;
36\n                         cin >> i;     //// BOLD
Howard Stahl                 cin.ignore( INT_MAX, '\n' );       //// ITALICS
                            getline( cin, s );
```

Only The Last Entry Is A Valid Customer Type!
5. Magic Formula and int Values