CSC 215 Assignment #1

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| ID: |  |
| from: |  |
| subject: | Limits Library |
| date Due: | January 17, 2018 |

**Turn in hard copy at class time.**

1. From on campus or with VPN connection, goto <https://gitlab.mcs.sdsmt.edu>, click the sdsmt tab, and login with your school credentials. The message your will get will say your account is blocked. This is correct and starts your account creation.
2. Goto <http://www.cplusplus.com/reference/> and use the following libraries

**cmath, cctype, and limits**

1. Find 2 functions in each of the above libraries that you did not know about and describe what they do.
2. Write a code snippet that shows how to use the function.
3. Display what the output of the code is.
4. Tell me how you might you use this function.

CCTYPE Library - #include <cctype>

**isupper** – will return non zero value (true) if the value passed in is upper case alphabetic letter (A-Z) otherwise the function will return zero (false) if the value is not uppercase.

**Code Snippet**:

char ch;

bool valid = false;

do

{

    cout << "Enter your answer Y/N: ";

    cin >> ch;

    if( isupper( ch ) && (ch == 'Y' || ch == 'N') )

        valid = true;

}while ( !valid );

Possible output:

Enter your answer Y/N: r

Enter your answer Y/N: y

Enter your answer Y/N: Y

Usage:

If I must validate that a character is uppercase.