**Day-45 of the #101 days of the Coding challenge---------**

**Problem:-** Write a C++ program to capitalize the first letter of each word in a given string. Words must be separated by only one space.  
Example:  
Sample Input: cpp string exercises  
Sample Output: Cpp String Exercises

Code:-

#include <iostream>

#include <string> // Include the <string> header for string manipulation

using namespace std;

string capitalizeFirstwordOfString(string str) {

int i, char\_code;

bool new\_word = true;

for (i = 0; i < str.length(); i++) {

char\_code = int(str[i]);

if (new\_word && isalpha(str[i])) {

str[i] = char(char\_code - 32); // Convert the first letter of the word to uppercase

new\_word = false;

} else if (str[i] == ' ') { // When getting the space the new\_word enables (true) means just after space it converts capital then rest becomes small and again follow the same.

new\_word = true;

}

}

return str;

}

int main() {

string str;

cout << "Enter the string" << endl;

getline(cin, str);

string resultString = capitalizeFirstwordOfString(str);

cout << "Capitalized String--->" << endl;

cout<<"---------Solution-------"<<endl;

cout << resultString;

return 0;

}

Output:-

