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:-

```cpp
#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;

        }

    }
```

```cpp
        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:-

```
Enter the string
cpp string exercies
Capitalized String--->
---------Solution-------
Cpp String Exercies
-------------------------------
```