**Day-46 of the #101 days of the Coding Challenge-----------------**

**Problem:-** Write a C++ program to find the largest word and Number of character in a given string.  
Example:  
Sample Input: C++ is a general purpose programming language.  
Sample Output: programming, 11

Code:-

#include<iostream>

#include<string>

using namespace std;

void maxLengthWord(string str)

{

int maxCount = 0;

string maxWord;

int count = 0;

string currentWord;

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

{

if(str[i] != ' ')

{

currentWord += str[i];

count++;

}

else

{

if(count > maxCount)

{

maxCount = count;

maxWord = currentWord;

}

currentWord.clear();

count = 0;

}

}

// Check the last word

if(count > maxCount)

{

maxCount = count;

maxWord = currentWord;

}

cout << "Maximum Word: " << maxWord << " : Number of Characters: " << maxCount << endl;

}

int main()

{

string str;

cout << "Enter the String:" << endl;

getline(cin, str);

maxLengthWord(str);

return 0;

}

Output:-

