

ASSIGNMENT 4: strings in C++
DATE: 24/03/2021 Wednesday

CODE:

```
#include <iostream>
#include <string>
using namespace std;

int main()
{
    string str;
    cout<<"Input the string\n";
    getline(cin,str);
    cout<<"\nString entered is : "<<str;
    int len = str.length();
    cout<<"\nLength of the string str is : "<<len;
    string str1 = "HelloWorld!";
    if(str.compare(str1) == 0)
    {
        cout<<"\nTwo strings are equal\n";
    }
    else
    {
        cout<<"\nTwo strings are not equal\n";}
    str1.append("I'm string!!!");
    cout<<"\nNew str1 : "<<str1;
    str.clear();
    cout<<"\n\nstr new length : "<<str1.length();
    return 0;
}
```

OUTPUT:

```
Input the string
helloworld!

String entered is :helloworld!
Length of the string str is :11
Two strings are not equal

New str1 : HelloWorld!I'm string!!!

str new length : 24

...Program finished with exit code 0
Press ENTER to exit console.█
```