

```
// This program demonstrates the C++ string class.
#include <iostream>
#include <string>
using namespace std;

int main()
{
    // Define three string objects.
    string str1, str2, str3;

    // Assign values to all three.
    str1 = "ABC";
    str2 = "DEF";
    str3 = str1 + str2;

    // Use subscripts to display str3 one character
    // at a time.
    for (int x = 0; x < str3.size(); x++)
        cout << str3[x];
    cout << endl;

    // Compare str1 with str2.
    if (str1 < str2)
        cout << "str1 is less than str2\n";
    else
        cout << "str1 is not less than str2\n";
    return 0;
}
```