**LAB 6**

**OBJECT:**

**Write a program to concatenate two strings by overloading the + operator**

**PROGRAM:**

**#include<iostream>**

**#include<string.h>**

**using namespace std;**

**class String{**

**private:**

**char str[30];**

**public:**

**void getData()**

**{**

**cout<<"Enter String : ";**

**cin>>str;**

**}**

**void showData()**

**{**

**cout<<str;**

**}**

**String operator+(String x)**

**{**

**String s;**

**strcat(str,x.str);**

**strcpy(s.str,str);**

**return s;**

**}**

**};**

**int main(){**

**String str1, str2, str3;**

**str1.getData();**

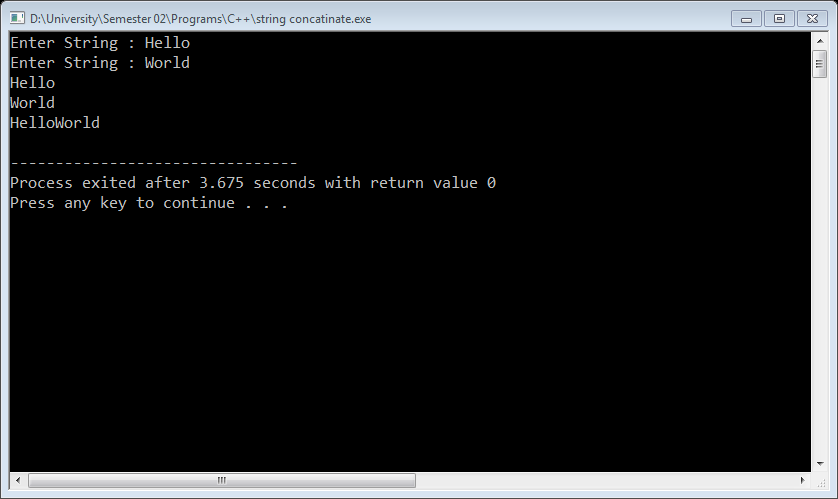
**str2.getData();**

**str1.showData();**

**str2.showData();**

**str3=str1+str2;**

**str3.showData();**

**return 0; }**