

**Assignment**

**CS 1(O)**

**AICT**



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**Submitted To: Lecturer Salman Irfan**

**FACULTY OF INFORMATION TECHNOLOGY**

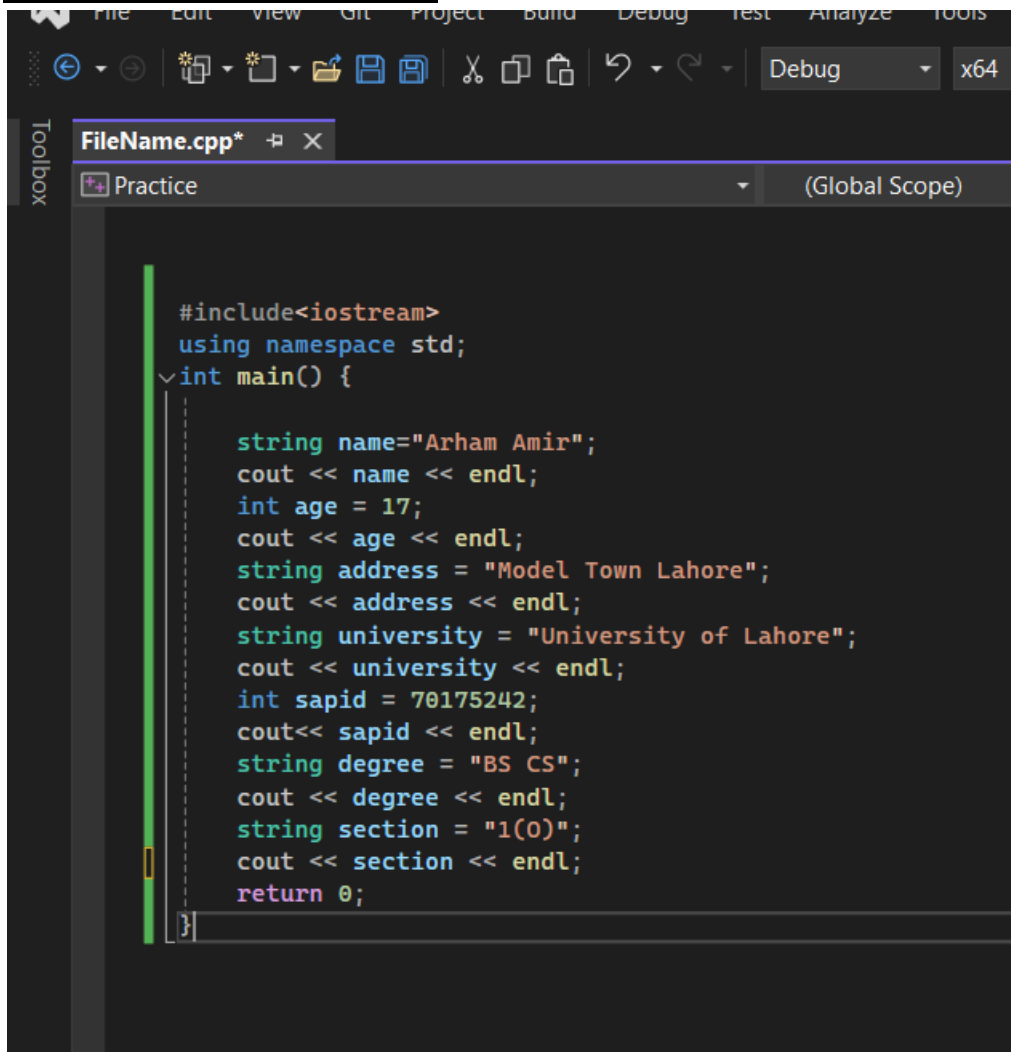
**DEPARTMENT OF COMPUTER SCIENCE & IT**

- **Text format of Cpp:-**

```
#include<iostream>
using namespace std;
int main() {

    string name="Arham Amir";
    cout << name << endl;
    int age = 17;
    cout << age << endl;
    string address = "Model Town Lahore";
    cout << address << endl;
    string university = "University of Lahore";
    cout << university << endl;
    int sapid = 70175242;
    cout<< sapid << endl;
    string degree = "BS CS";
    cout << degree << endl;
    string section = "I(O)";
    cout << section << endl;
    return 0;
}
```

- **Information stored in Cpp:**



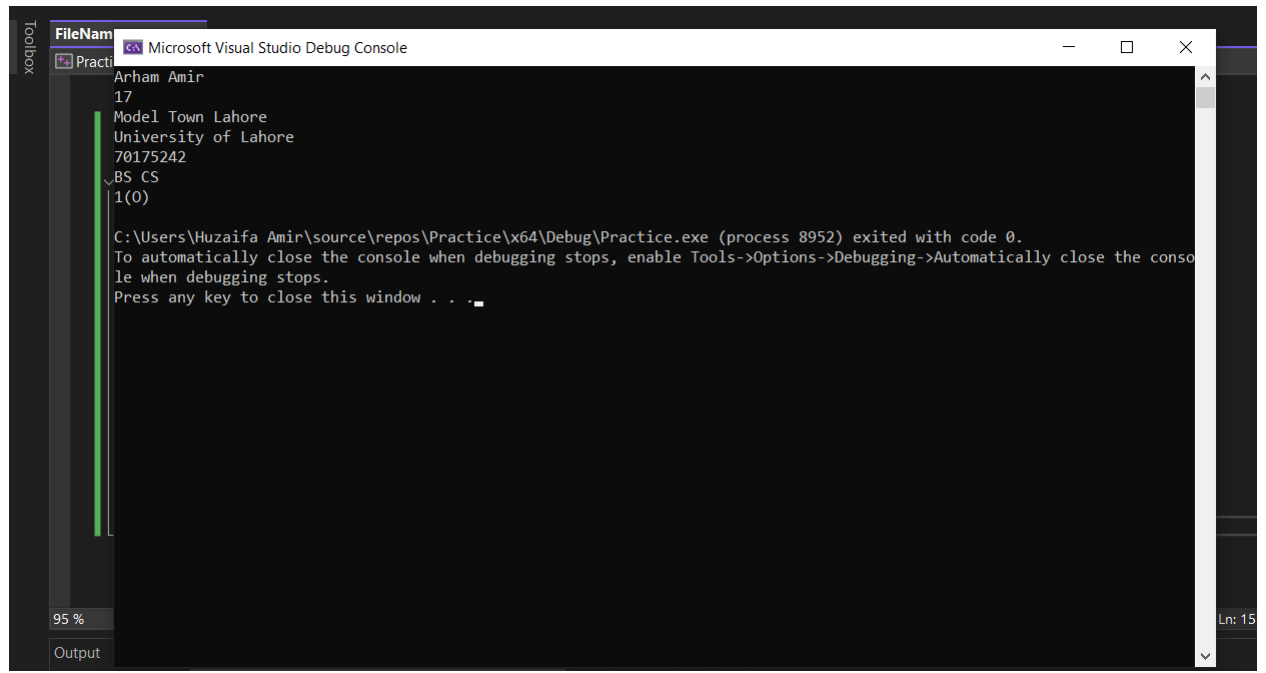
The image shows a screenshot of a C++ IDE. The top menu bar includes File, Edit, View, Git, Project, Build, Debug, Test, Analyze, and Tools. Below the menu is a toolbar with icons for navigation and editing. The main editor window is titled 'FileName.cpp\*' and shows a C++ program. The program defines several variables: a string 'name' with value 'Arham Amir', an integer 'age' with value 17, a string 'address' with value 'Model Town Lahore', a string 'university' with value 'University of Lahore', an integer 'sapid' with value 70175242, a string 'degree' with value 'BS CS', and a string 'section' with value '1(0)'. Each variable is followed by a 'cout' statement to print its value, and the program ends with 'return 0;'. The IDE interface includes a 'Toolbox' on the left and a 'Practice' tab at the top of the editor. The status bar at the bottom indicates '(Global Scope)' and 'x64'.

```
#include<iostream>
using namespace std;
int main() {

    string name="Arham Amir";
    cout << name << endl;
    int age = 17;
    cout << age << endl;
    string address = "Model Town Lahore";
    cout << address << endl;
    string university = "University of Lahore";
    cout << university << endl;
    int sapid = 70175242;
    cout<< sapid << endl;
    string degree = "BS CS";
    cout << degree << endl;
    string section = "1(0)";
    cout << section << endl;
    return 0;
}
```

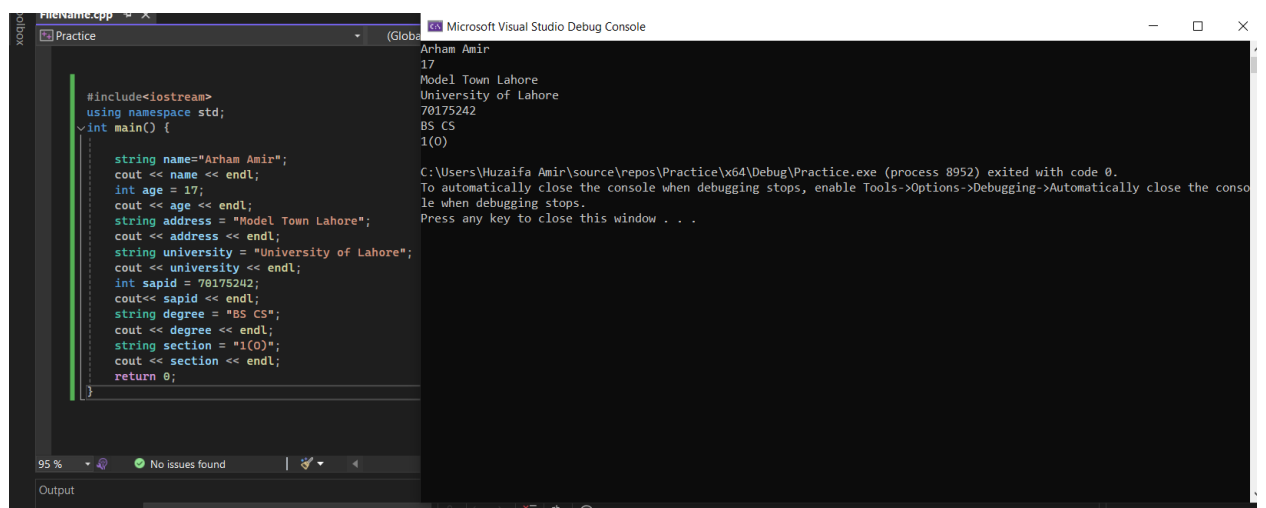
**Figure 1** Information stored in Cpp:-

- **Compilation of the code:-**



**Figure 2** Shows that code is code is compiling

- **Full page of VS code:-**



**Figure 3** Shows the full page of VS code