

## MAC101 Quiz NO. 6

Edit the following C++ program (See 2<sup>nd</sup> page).

The program lists the syllabus by week NO and Topics.

The program has already the following:

1. A class name MAC101.
2. Three objects that belong to that class which are the first 3 topics in MAC101.

You need to:

Add to the program 7 more objects for the next 7 weeks in the syllabus.  
Add to each Topic also the Chapter No. i.e. MAC101 Obj1.Chap

Email your work to Prof@dpeled.com

Make sure that I verified receiving your work.

Below is the given program output without the chapter's addition.

```
Week NO. 1  Introduction First C++ Program 1.1 Numbers at Different Basis
Week NO. 2  Data Types and Variables
Week NO. 3  Flow of Control: Branching
```

Below is the program with the chapters:

```
Week NO. 1  Introduction First C++ Program 1.1 Numbers at Different Basis Chapter NO. 1.1
Week NO. 2  Data Types and Variables Chapter NO. 1.2, 1.2
Week NO. 3  Flow of Control: Branching Chapter NO. 2.1, 2.2
```

GOOD LUCK!

```

#include <iostream>
using namespace std;
// Create a MAC101 class with some attributes
class MAC101 {
public:
string Topic;
int weekNO;
};
int main() {
// Create an object of MAC101
MAC101 MAC101Obj1;
MAC101Obj1.Topic = "Introduction First C++ Program 1.1 Numbers at Different Basis";
MAC101Obj1.weekNO = 1;
// Create another object of MAC101
MAC101 MAC101Obj2;
MAC101Obj2.Topic = "Data Types and Variables";
MAC101Obj2.weekNO = 2;
// Create another object of MAC101
MAC101 MAC101Obj3;
MAC101Obj3.Topic = "Flow of Control: Branching";
MAC101Obj3.weekNO = 3;
// Print attribute values
cout << "Week NO. " << MAC101Obj1.weekNO << " " << " " <<
MAC101Obj1.Topic << "\n";
cout << "Week NO. " << MAC101Obj2.weekNO << " " << " " <<
MAC101Obj2.Topic << "\n";
cout << "Week NO. " << MAC101Obj3.weekNO << " " << " " <<
MAC101Obj3.Topic << "\n";
return 0;
}

```