CPP Tracing 9 (Header Files 3)

While you are working in Gammal Tech you will be asked for example to make a class for subscribers **C** and class for **subscribers annual subscription.** You will make a class in which we put the **common points** between the monthly and yearly subscriber and you will do an **Inheritance** for this class. So we will have **three class**, but he only asked you **two**, so you will name the third one with a default name and also make some changes, and since there are many programmers, there will be some similarity in the names for the class or variables so there was a namespace

As we were using a variable inside a function, and using the same name for a variable in another function, so is the case here in **namespace.**

```cpp
#include <iostream>

#include <vector>

#include <sstream>

#include <string>

using namespace std;

namespace gammal {

                int g = 500;

                string website = "ww.gammal.tech";

                string gt() {

                return "Gammal Tech is the best website to learn
```

```cpp
                        programming.\n";
                }
            }
            namespace gammal_tech {
                    int g = 900;
                    string website = "Search google
                    for gammal tech";
                    string gt() {
                    return "I like Gammal Tech.\n";
                    }
}
using namespace gammal_tech;
int main() {
            cout << g << endl;
            cout << gammal::gt() << endl;
```

output:

900

Gammal Tech is the best website to learn programming.

Note : To use one these namespace, you got to call them like that for example : **using gammal_tech**