

C++ Level 2



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Lesson #30- Homework Solution

```
#include <vector>
#include <iostream>
using namespace std;

struct stEmployee
{
    string FirstName;
    string LastName;
    float Salary;
};

void ReadEmployees(vector <stEmployee>& vEmployees)
{
    char ReadMore = 'Y';
    stEmployee tempEmployee;

    while (ReadMore == 'Y' || ReadMore == 'y')
    {
        cout << "Enter FirstName? ";
        cin >> tempEmployee.FirstName;

        cout << "Enter LastName? ";
        cin >> tempEmployee.LastName;

        cout << "Enter Salary? ";
        cin >> tempEmployee.Salary;

        vEmployees.push_back(tempEmployee);

        cout << "\nDo you want to read more employees? Y/N ?";
        cin >> ReadMore;
    }
}
```



Lesson #30- Homework Solution

```
void PrintEmployees(vector <stEmployee>& vEmployees)
{
    cout << "\nEmployees Vector: \n\n";

    // ranged loop
    for (stEmployee& Employee : vEmployees) {

        cout << "FirstName: " << Employee.FirstName << endl;
        cout << "LastName : " << Employee.LastName << endl;
        cout << "Salary   : " << Employee.Salary << endl;
        cout << endl;
    }

    cout << endl;
}

int main()
{

    // std::vector<T> vector_name;
    vector <stEmployee> vEmployees;

    ReadEmployees(vEmployees);
    PrintEmployees(vEmployees);

    return 0;
}
```