

LCO Assignment

In c++ bootcamp course, explaining the map container code. (last assignment of the course)

1. `#include <map>` - The map header file need to be included inorder to access the map container
2. map is similar to dictionary in python
3. map contains key value pair
4. While declaring the map variable the datatype of the key and the value should be mentioned
eg. `map<string,string> languages;`
5. We can insert using the syntax, `map_name[key] = value;`
eg. `languages["py"] = "python";`
6. You can also insert using the `insert()` function and `make_pair()` function
eg. `languages.insert(make_pair("js","java_script"));` // `make_pair()` is used because map hold the data in pair, key and value.
7. map can be traversed using a for loop/for range loop.
eg. `for(auto &val : languages){`
`cout<<val.first<<" : "<<val.second<<endl;`
`}`
val.first – represents the key
val.second – represents the value

Thankyou for this wonderful course!!!