Yığıt

Kodlar:

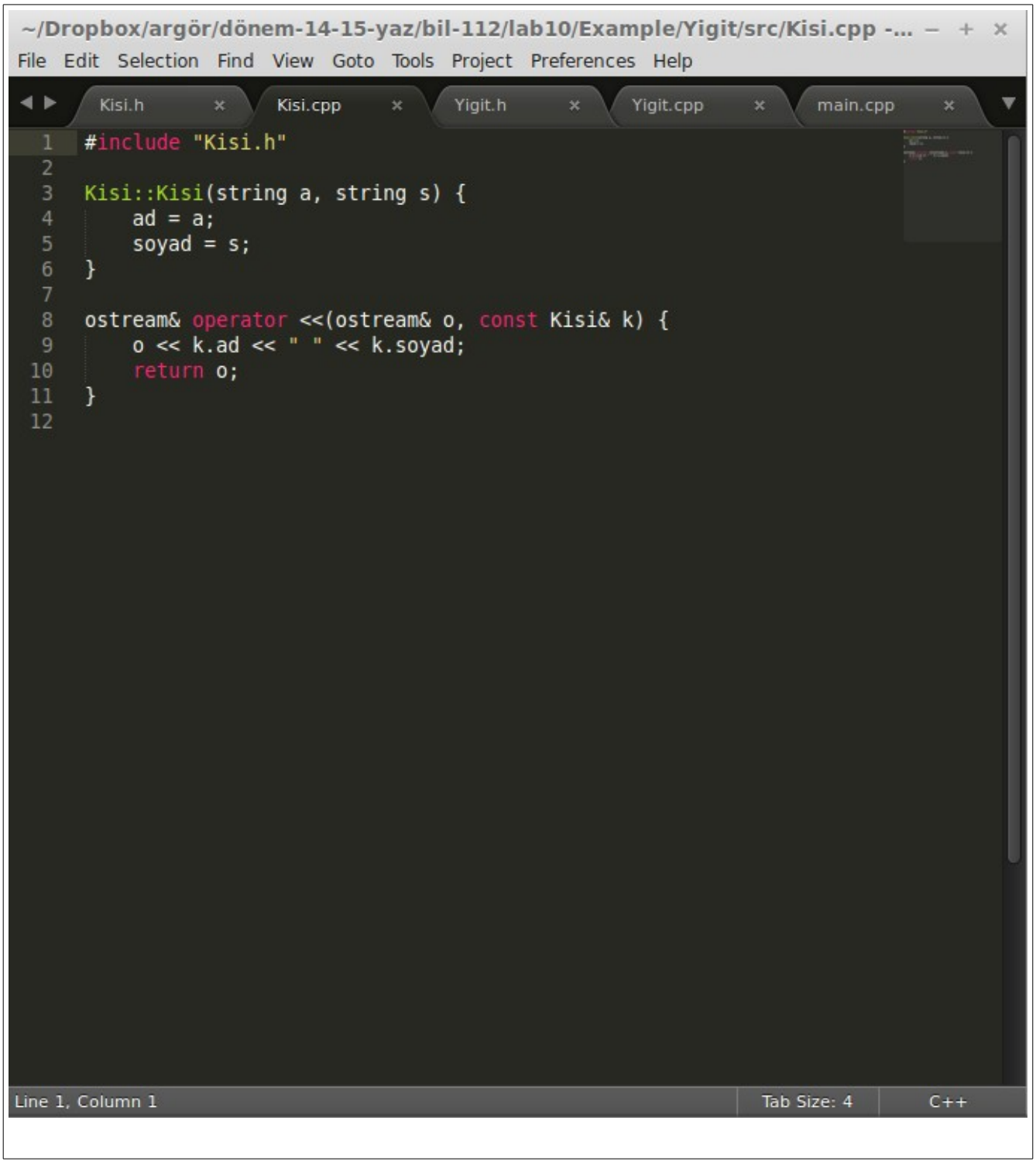
~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab10/Example/Yigit/include/Kisi....

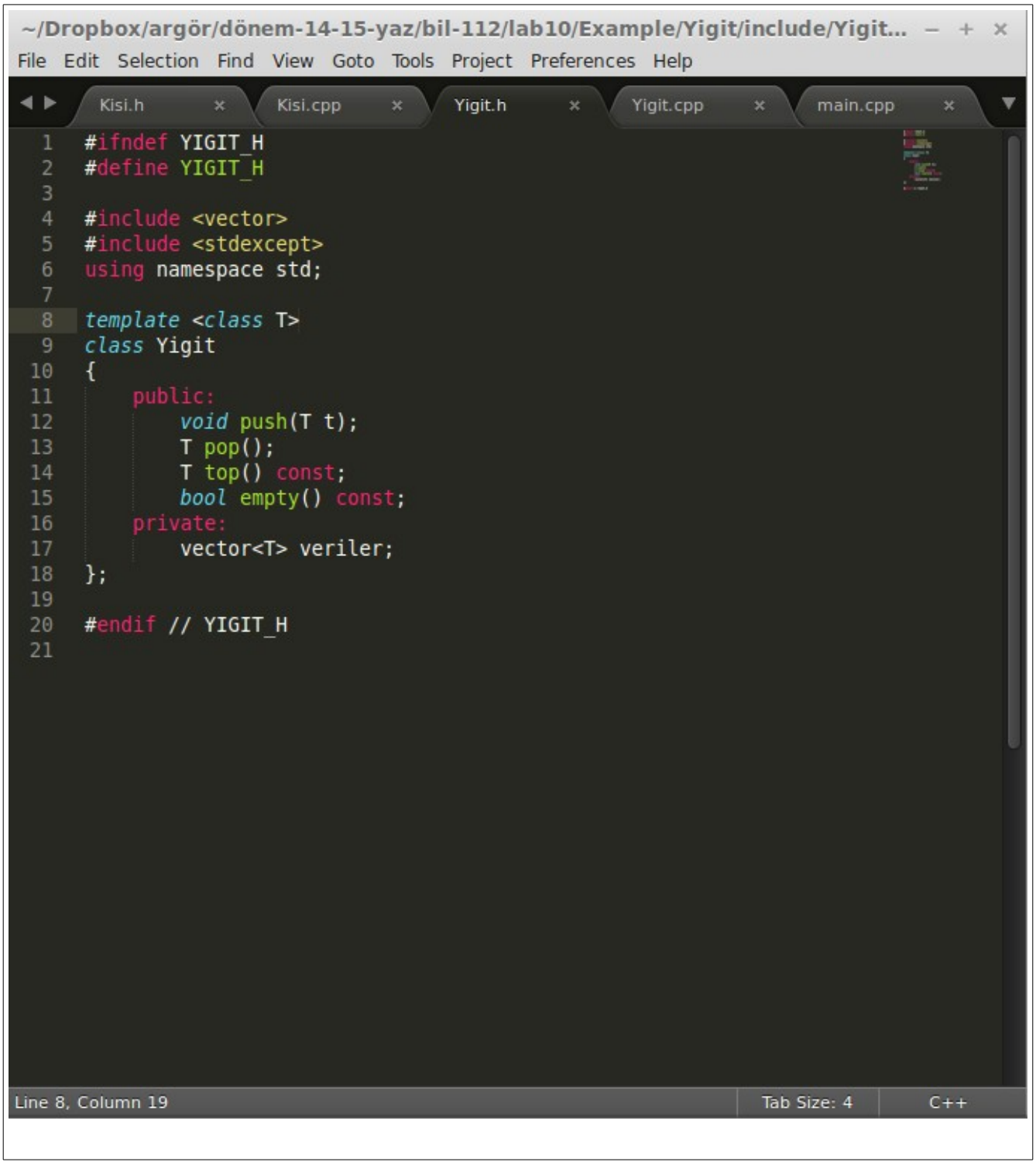
File Edit Selection Find View Goto Tools Project Preferences Help

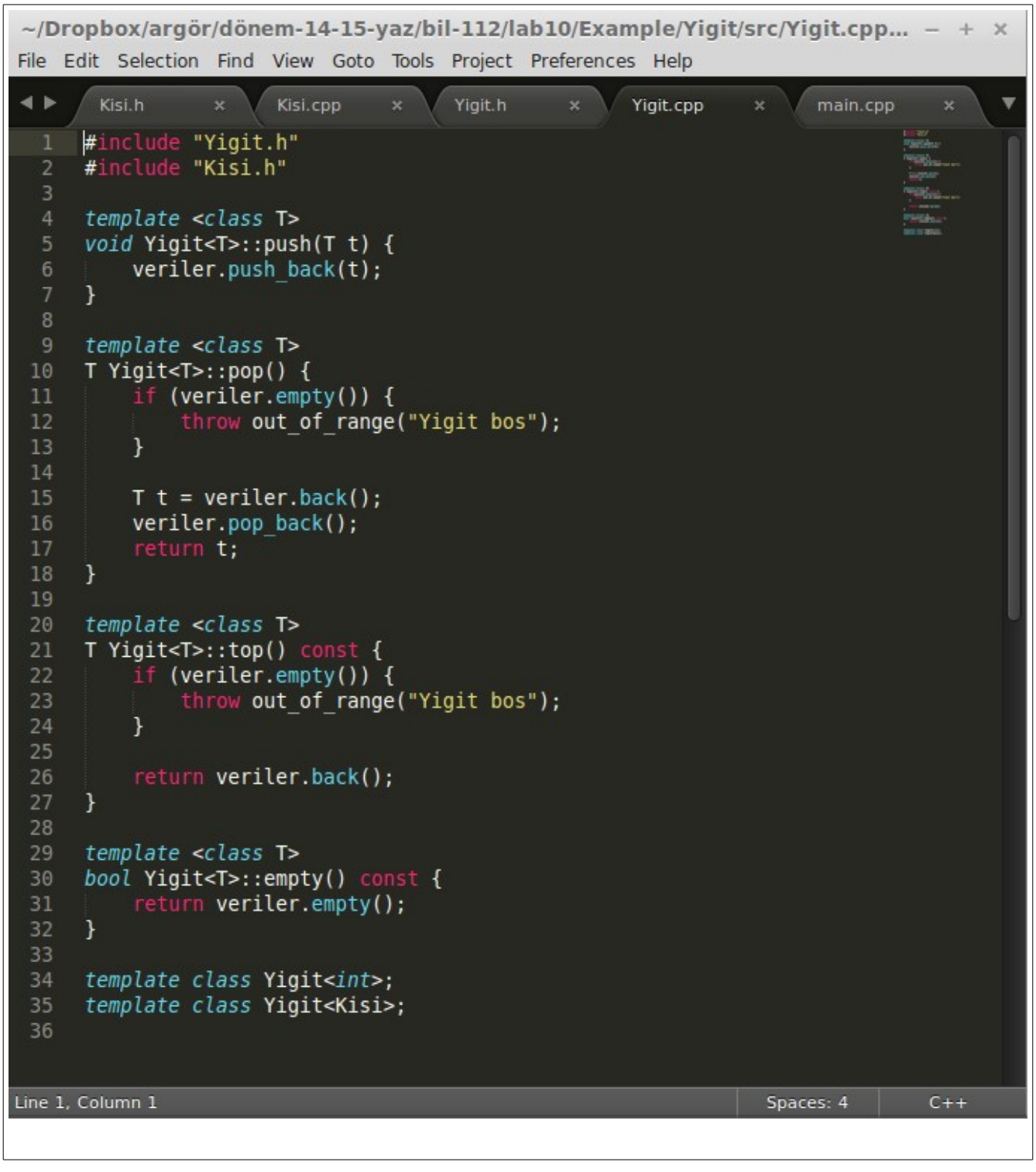
Kisi.h | Kisi.cpp | Yigit.h | Yigit.cpp | main.cpp

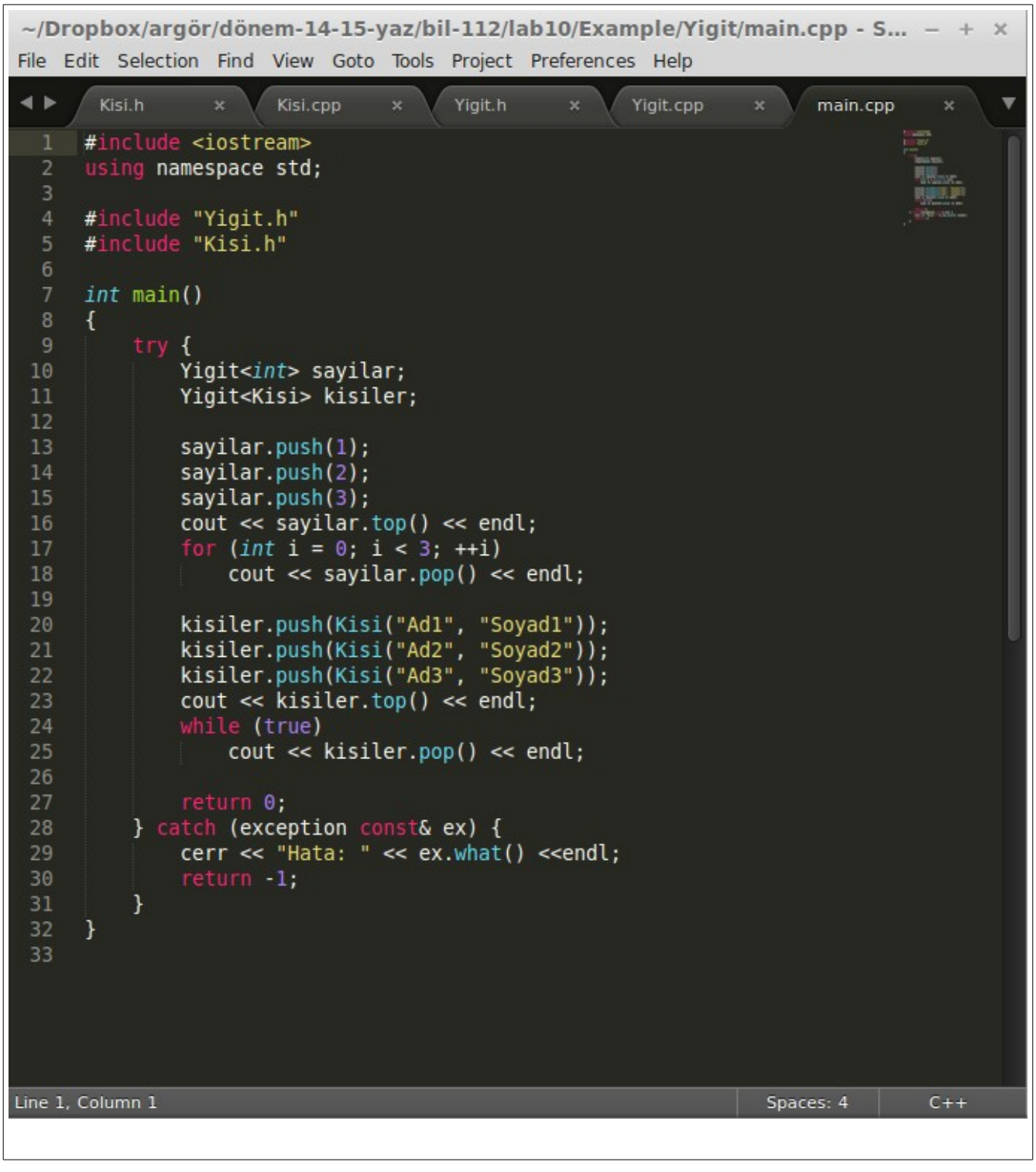
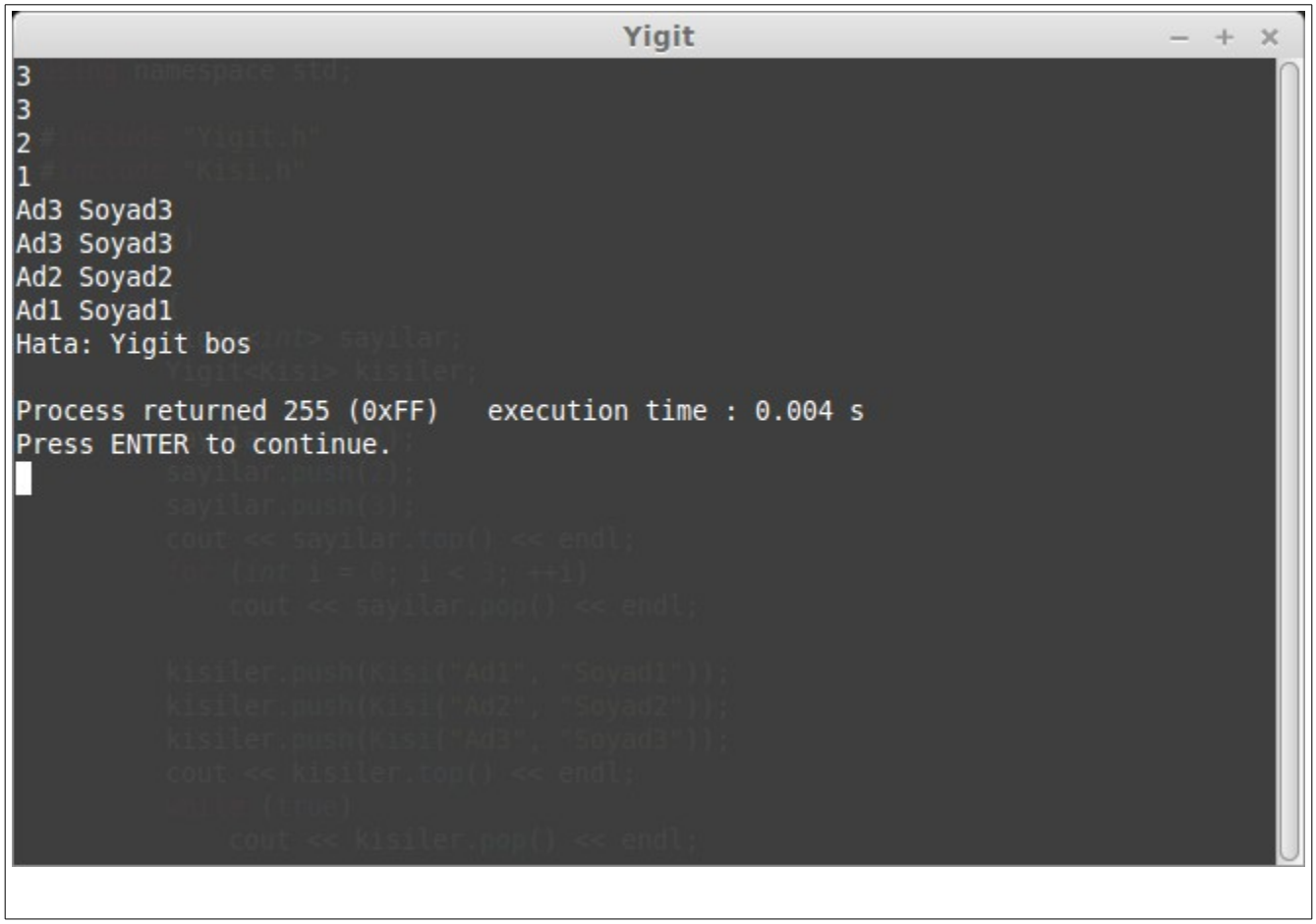
```
1  #ifndef KISI_H
2  #define KISI_H
3
4  #include <iostream>
5  #include <string>
6  using namespace std;
7
8  class Kisi
9  {
10     public:
11         Kisi(string a, string s);
12         friend ostream& operator <<(ostream& o, const Kisi& k);
13     private:
14         string ad;
15         string soyad;
16 };
17
18 #endif // KISI_H
19
```

Line 1, Column 1 | Tab Size: 4 | C++


~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab10/Example/Yigit/src/Kisi.cpp -...
File Edit Selection Find View Goto Tools Project Preferences Help
Kisi.h
Kisi.cpp
Yigit.h
Yigit.cpp
main.cpp
#include "Kisi.h"
Kisi::Kisi(string a, string s) {
ad = a;
soyad = s;
}
ostream& operator <<(ostream& o, const Kisi& k) {
o << k.ad << " " << k.soyad;
return o;
}
Line 1, Column 1
Tab Size: 4
C++


~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab10/Example/Yigit/include/Yigit...
File Edit Selection Find View Goto Tools Project Preferences Help
Kisi.h
Kisi.cpp
Yigit.h
Yigit.cpp
main.cpp
#ifndef YIGIT_H
#define YIGIT_H
#include <vector>
#include <stdexcept>
using namespace std;
template <class T>
class Yigit
{
public:
void push(T t);
T pop();
T top() const;
bool empty() const;
private:
vector<T> veriler;
};
#endif // YIGIT_H
Line 8, Column 19
Tab Size: 4
C++


~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab10/Example/Yigit/src/Yigit.cpp...
File Edit Selection Find View Goto Tools Project Preferences Help
Kisi.h
Kisi.cpp
Yigit.h
Yigit.cpp
main.cpp
#include "Yigit.h"
#include "Kisi.h"
template <class T>
void Yigit<T>::push(T t) {
veriler.push_back(t);
}
template <class T>
T Yigit<T>::pop() {
if (veriler.empty()) {
throw out_of_range("Yigit bos");
}
T t = veriler.back();
veriler.pop_back();
return t;
}
template <class T>
T Yigit<T>::top() const {
if (veriler.empty()) {
throw out_of_range("Yigit bos");
}
return veriler.back();
}
template <class T>
bool Yigit<T>::empty() const {
return veriler.empty();
}
template class Yigit<int>;
template class Yigit<Kisi>;
Line 1, Column 1
Spaces: 4
C++


~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab10/Example/Yigit/main.cpp - S...
File Edit Selection Find View Goto Tools Project Preferences Help
Kisi.h
Kisi.cpp
Yigit.h
Yigit.cpp
main.cpp
#include <iostream>
using namespace std;
#include "Yigit.h"
#include "Kisi.h"
int main()
{
try {
Yigit<int> sayilar;
Yigit<Kisi> kisiler;
sayilar.push(1);
sayilar.push(2);
sayilar.push(3);
cout << sayilar.top() << endl;
for (int i = 0; i < 3; ++i)
cout << sayilar.pop() << endl;
kisiler.push(Kisi("Ad1", "Soyad1"));
kisiler.push(Kisi("Ad2", "Soyad2"));
kisiler.push(Kisi("Ad3", "Soyad3"));
cout << kisiler.top() << endl;
while (true)
cout << kisiler.pop() << endl;
return 0;
} catch (exception const& ex) {
cerr << "Hata: " << ex.what() <<endl;
return -1;
}
}
Line 1, Column 1
Spaces: 4
C++

Ekran Çıktısı: