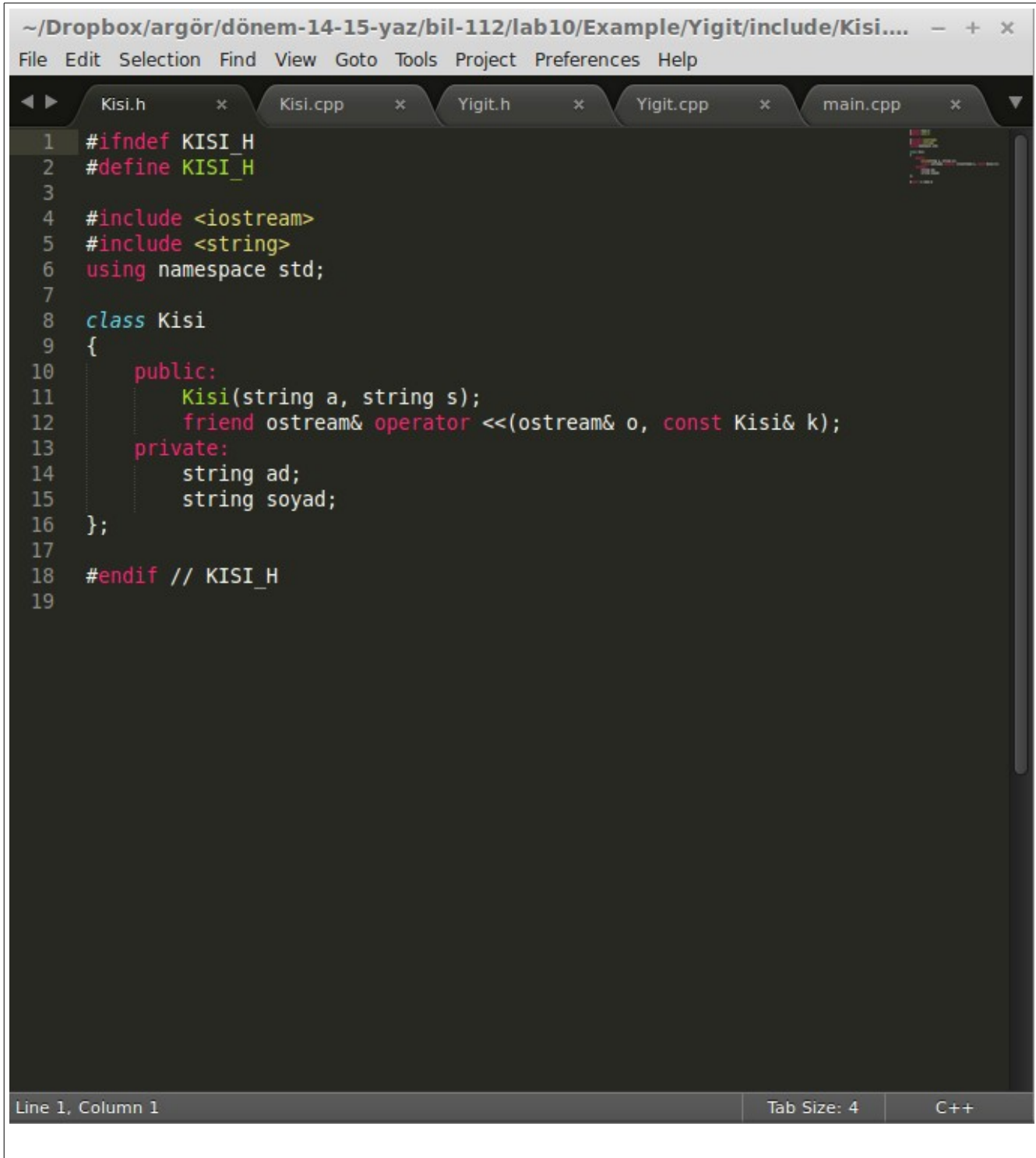


Yığıt

Kodlar:



The image shows a screenshot of a C++ code editor window. The title bar indicates the file path: `~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab10/Example/Yigit/include/Kisi....`. The menu bar includes `File`, `Edit`, `Selection`, `Find`, `View`, `Goto`, `Tools`, `Project`, `Preferences`, and `Help`. The editor has several tabs open: `Kisi.h`, `Kisi.cpp`, `Yigit.h`, `Yigit.cpp`, and `main.cpp`. The `Kisi.h` tab is active, displaying the following code:

```
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
```

The status bar at the bottom shows `Line 1, Column 1`, `Tab Size: 4`, and `C++`.

~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab10/Example/Yigit/src/Kisi.cpp -... - + x

File Edit Selection Find View Goto Tools Project Preferences Help

Kisi.h x Kisi.cpp x Yigit.h x Yigit.cpp x main.cpp x

```
1 #include "Kisi.h"
2
3 Kisi::Kisi(string a, string s) {
4     ad = a;
5     soyad = s;
6 }
7
8 ostream& operator <<(ostream& o, const Kisi& k) {
9     o << k.ad << " " << k.soyad;
10    return o;
11 }
12
```

Line 1, Column 1

Tab Size: 4

C++

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

File Edit Selection Find View Goto Tools Project Preferences Help

Kisi.h x Kisi.cpp x Yigit.h x Yigit.cpp x main.cpp x

```
1  #ifndef YIGIT_H
2  #define YIGIT_H
3
4  #include <vector>
5  #include <stdexcept>
6  using namespace std;
7
8  template <class T>
9  class Yigit
10 {
11     public:
12         void push(T t);
13         T pop();
14         T top() const;
15         bool empty() const;
16     private:
17         vector<T> veriler;
18 };
19
20 #endif // YIGIT_H
21
```

Line 8, Column 19

Tab Size: 4

C++

~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab10/Example/Yigit/src/Yigit.cpp... - + x

File Edit Selection Find View Goto Tools Project Preferences Help

Kisi.h x Kisi.cpp x Yigit.h x Yigit.cpp x main.cpp x

```
1 #include "Yigit.h"
2 #include "Kisi.h"
3
4 template <class T>
5 void Yigit<T>::push(T t) {
6     veriler.push_back(t);
7 }
8
9 template <class T>
10 T Yigit<T>::pop() {
11     if (veriler.empty()) {
12         throw out_of_range("Yigit bos");
13     }
14
15     T t = veriler.back();
16     veriler.pop_back();
17     return t;
18 }
19
20 template <class T>
21 T Yigit<T>::top() const {
22     if (veriler.empty()) {
23         throw out_of_range("Yigit bos");
24     }
25
26     return veriler.back();
27 }
28
29 template <class T>
30 bool Yigit<T>::empty() const {
31     return veriler.empty();
32 }
33
34 template class Yigit<int>;
35 template class Yigit<Kisi>;
36
```

Line 1, Column 1

Spaces: 4

C++

~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab10/Example/Yigit/main.cpp - S... — + x

File Edit Selection Find View Goto Tools Project Preferences Help

Kisi.h x Kisi.cpp x Yigit.h x Yigit.cpp x main.cpp x

```
1 #include <iostream>
2 using namespace std;
3
4 #include "Yigit.h"
5 #include "Kisi.h"
6
7 int main()
8 {
9     try {
10         Yigit<int> sayilar;
11         Yigit<Kisi> kisiler;
12
13         sayilar.push(1);
14         sayilar.push(2);
15         sayilar.push(3);
16         cout << sayilar.top() << endl;
17         for (int i = 0; i < 3; ++i)
18             cout << sayilar.pop() << endl;
19
20         kisiler.push(Kisi("Ad1", "Soyad1"));
21         kisiler.push(Kisi("Ad2", "Soyad2"));
22         kisiler.push(Kisi("Ad3", "Soyad3"));
23         cout << kisiler.top() << endl;
24         while (true)
25             cout << kisiler.pop() << endl;
26
27         return 0;
28     } catch (exception const& ex) {
29         cerr << "Hata: " << ex.what() << endl;
30         return -1;
31     }
32 }
33
```

Line 1, Column 1

Spaces: 4

C++

Ekran Çıktısı:

```
Yigit
3 using namespace std;
3
2 #include "Yigit.h"
1 #include "Kisi.h"
Ad3 Soyad3
Ad3 Soyad3
Ad2 Soyad2
Ad1 Soyad1
Hata: Yigit bos >> sayilar;
Yigit<Kisi> kisiler;
Process returned 255 (0xFF)   execution time : 0.004 s
Press ENTER to continue.
sayilar.push(1);
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;
cout << (true)
    cout << kisiler.pop() << endl;
```