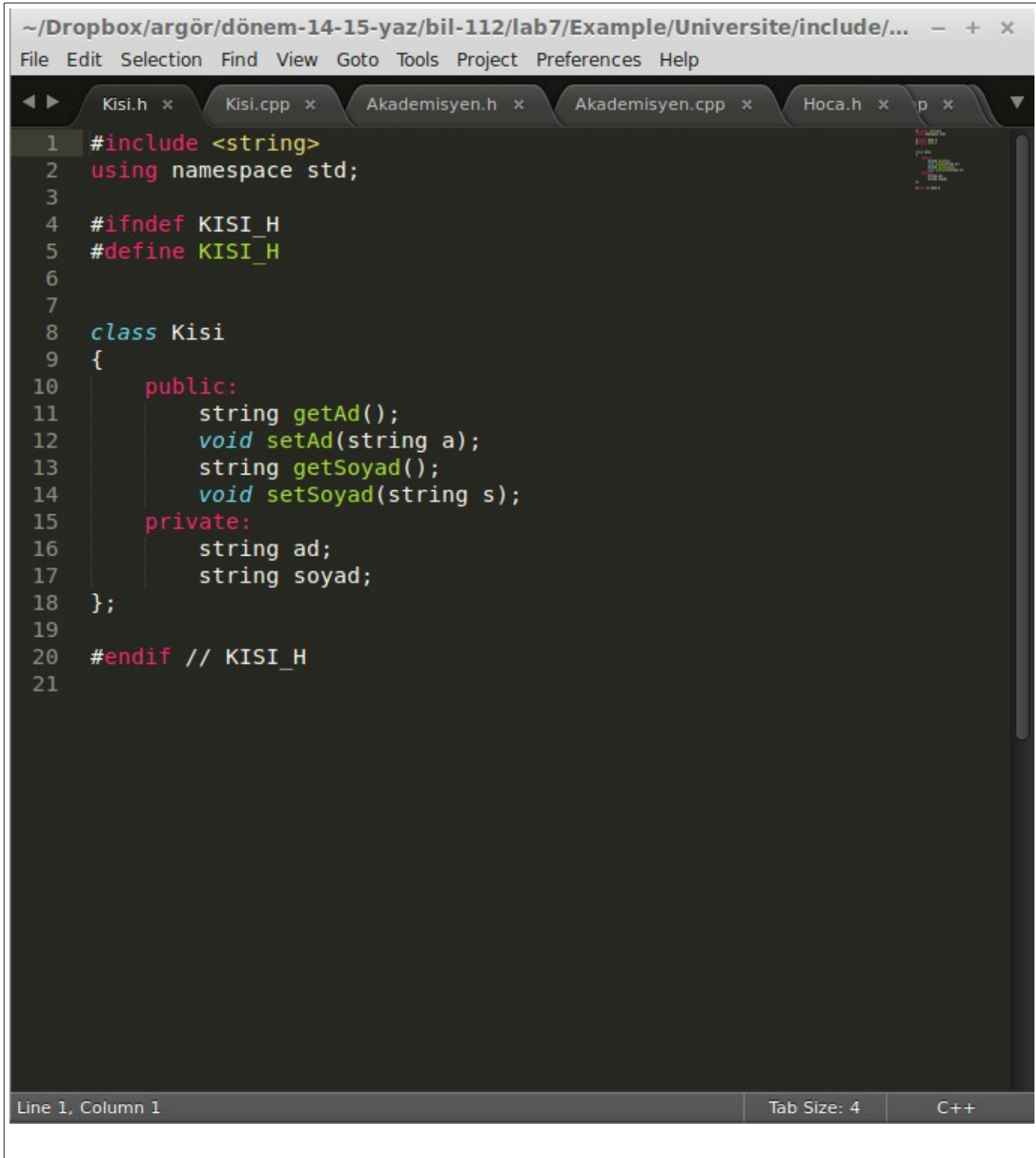


Üniversite

Kodlar:



The image shows a screenshot of a C++ code editor with a dark theme. The editor has a menu bar at the top with options: File, Edit, Selection, Find, View, Goto, Tools, Project, Preferences, and Help. Below the menu bar is a tab bar with several open files: Kisi.h, Kisi.cpp, Akademisyen.h, Akademisyen.cpp, Hoca.h, and p. The Kisi.h file is currently selected and its content is displayed in the main editor area. The code is a C++ header file for a class named Kisi. It includes the <string> header and uses the std namespace. It defines the KISI_H macro to prevent multiple inclusion. The Kisi class has two public methods: getAd() and setAd(), and two private attributes: ad and soyad. The code is as follows:

```
1 #include <string>
2 using namespace std;
3
4 #ifndef KISI_H
5 #define KISI_H
6
7
8 class Kisi
9 {
10     public:
11         string getAd();
12         void setAd(string a);
13         string getSoyad();
14         void setSoyad(string s);
15     private:
16         string ad;
17         string soyad;
18 };
19
20 #endif // KISI_H
21
```

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

~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab7/Example/Universite/src/Kisi.... - + x

File Edit Selection Find View Goto Tools Project Preferences Help

Kisi.h x Kisi.cpp x Akademisyen.h x Akademisyen.cpp x Hoca.h x p x

```
1 #include "Kisi.h"
2
3 string Kisi::getAd() {
4     return ad;
5 }
6
7 void Kisi::setAd(string a) {
8     ad = a;
9 }
10
11 string Kisi::getSoyad() {
12     return soyad;
13 }
14
15 void Kisi::setSoyad(string s) {
16     soyad = s;
17 }
18
```

Line 1, Column 1

Tab Size: 4

C++

~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab7/Example/Universite/include/... - + x

File Edit Selection Find View Goto Tools Project Preferences Help

Kisi.h x Kisi.cpp x Akademisyen.h x Akademisyen.cpp x Hoca.h x p x

```
1 #include <string>
2 using namespace std;
3
4 #ifndef AKADEMISYEN_H
5 #define AKADEMISYEN_H
6
7
8 class Akademisyen
9 {
10     public:
11         string getUnvan();
12         void setUnvan(string u);
13     private:
14         string unvan;
15 };
16
17 #endif // AKADEMISYEN_H
18
```

Line 1, Column 1

Tab Size: 4

C++

~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab7/Example/Universite/src/Akad... - + x

File Edit Selection Find View Goto Tools Project Preferences Help

Kisi.h x Kisi.cpp x Akademisyen.h x Akademisyen.cpp x Hoca.h x p x

```
1 #include "Akademisyen.h"
2
3 string Akademisyen::getUnvan() {
4     return unvan;
5 }
6
7 void Akademisyen::setUnvan(string u) {
8     unvan = u;
9 }
10
```

Line 1, Column 1

Tab Size: 4

C++

~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab7/Example/Universite/include/... - + x

File Edit Selection Find View Goto Tools Project Preferences Help

Kisi.h x Kisi.cpp x Akademisyen.h x Akademisyen.cpp x Hoca.h x p x

```
1 #include "Kisi.h"
2 #include "Akademisyen.h"
3
4 #ifndef HOCA_H
5 #define HOCA_H
6
7
8 class Hoca: public Kisi, public Akademisyen
9 {
10     public:
11         friend ostream& operator<<(ostream& o, Hoca& h);
12         friend istream& operator>>(istream& i, Hoca& h);
13 };
14
15 #endif // HOCA_H
16
```

Line 5, Column 15

Tab Size: 4

C++

~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab7/Example/Universite/src/Hoca... - + x

File Edit Selection Find View Goto Tools Project Preferences Help

Kisi.cpp x Akademisyen.h x Akademisyen.cpp x Hoca.h x Hoca.cpp x

```
1 #include <iostream>
2 #include <iomanip>
3 using namespace std;
4
5 #include "Hoca.h"
6
7 ostream& operator<<(ostream& o, Hoca& h) {
8     o << setw(10) << h.getUnvan();
9     o << setw(10) << h.getAd();
10    o << setw(10) << h.getSoyad();
11    o << endl;
12    return o;
13 }
14
15 istream& operator>>(istream& i, Hoca& h) {
16     string s;
17     cout << "Hocanın bilgilerini giriniz:" << endl;
18     cout << "Unvan: ";
19     i >> s;
20     h.setUnvan(s);
21     cout << "Ad: ";
22     i >> s;
23     h.setAd(s);
24     cout << "Soyad: ";
25     i >> s;
26     h.setSoyad(s);
27     return i;
28 }
29
```

Line 1, Column 1

Spaces: 4

C++

~/Dropbox/argör/dönem-14-15-yaz/bil-112/lab7/Example/Universite/main.cp... - + x

File Edit Selection Find View Goto Tools Project Preferences Help

Akademisyen.h x Akademisyen.cpp x Hoca.h x Hoca.cpp x main.cpp x

```
1 #include <iostream>
2 #include <iomanip>
3 #include <vector>
4 using namespace std;
5
6 #include "Hoca.h"
7
8 int main()
9 {
10     vector<Hoca> hocalar;
11     Hoca hoca;
12     char cevap = 'e';
13     for (int i = 1; cevap == 'e'; ++i) {
14         cout << i << ". Hoca" << endl;
15         cin >> hoca;
16         hocalar.push_back(hoca);
17         cout << "Yeni bir hoca daha eklemek istiyor musunuz?"
18         cin >> cevap;
19     }
20
21     cout << left;
22     cout << setw(10) << "Unvan";
23     cout << setw(10) << "Ad";
24     cout << setw(10) << "Soyad" << endl;
25     cout << setfill('-') << setw(30) << "" << endl << setfill
26
27     vector<Hoca>::iterator h;
28     for (h = hocalar.begin(); h != hocalar.end(); ++h) {
29         cout << *h;
30     }
31
32     return 0;
33 }
34
```

Line 1, Column 1

Tab Size: 4

C++

Ekran Çıktısı:

```
Universite
1. Hoca
Hocanın bilgilerini giriniz:
Unvan: Prof.Dr.
Ad: Ismail
Soyad: Avcibas
Yeni bir hoca daha eklemek istiyor musunuz? (e/h): e
2. Hoca
Hocanın bilgilerini giriniz:
Unvan: Doc.Dr.
Ad: Vedat
Soyad: Kiray
Yeni bir hoca daha eklemek istiyor musunuz? (e/h): h
Unvan      Ad      Soyad
-----
Prof.Dr.   Ismail   Avcibas
Doc.Dr.    Vedat    Kiray

Process returned 0 (0x0)   execution time : 27.574 s
Press ENTER to continue.
```