

- **Compiling And Running**

Open CMD and change current directory to the directory containing Project folder.

Compile by typing: `javac .\Project*.java`

Run by typing: `java Project.Main`

```
\Documents\New folder>javac .\Project\*.java
\Documents\New folder>java Project.Main
```

- **Classes**

- Kisi Class

Contains *isim* and *TCKimlik* of type *String*, *getisim* and *getTCKimlik* methods.

- Hasta Class

Inherits from Kisi Class with addition of *dogumYili* of type *int* and *getDogumYili* method.

- Doktor Class

Inherits from Kisi Class with addition of *diplomaNo* of type *int* and *getDiplomaNo* method.

- Tedavi Class

Contains *hasta* of type *Hasta*, *doktor* of type *Doktor* and *ayrintilar* of type *String* and *getHasta*, *getDoktor*, *getAyrintilar* and *setAyrintilar* methods.

- BilgiSistemi Class

Contains *hList*, *dList* and *tList* type of *List* that will house the instantiated *Hasta*, *Doktor* and *Tedavi* objects respectively. Also contains *hastaEkle*, *hastaBul*, *doktorEkle*, *doktorBul*, *tedaviEkle* and *tedaviBul* methods.

- Main Class

Contains formatted menus for Hasta Islemleri, Doktor Islemleri, Tedavi Islemleri and handles all runtime I/O from user.

- KisiBulunamadiException Class

~~NOT WRITTEN.~~

Update: Written but not implemented.

- **User Interface**

```
1. Doktor Islemleri
2. Hasta Islemleri
3. Tedavi Islemleri

9. Programi Kapat...
```

Selecting options by typing corresponding number.

- **Doktor Menu**

```
1. Doktor Listesi
2. Doktor Ekle
3. Doktor Ara
0. Geriye Don...
```

- **Adding Doktor**

Adding Doctors by providing Isim, TC Kimlik No and Diploma NO, the latter must be an int.

```
Isim Girin:
```

```
Ilyes Saidi
```

```
TCKN Girin:
```

```
99729423870
```

```
Diploma No Girin:
```

```
201502203
```

```
Ilyes Saidi kisisi Basariyla Eklendi!
```

```
0. Geriye Don...
1. Ana Menuye Don...
```

- If adding already existing Doktor.

```
Doktor Mevcuttur!
```

```
0. Geriye Don...
1. Ana Menuye Don...
```

- **Doktor List**

Contains ID, Isim and TC Kimlik No.

| ID | Doktor Ismi | Doktor TC Kimlik No |
|-----|-------------|---------------------|
| 01. | Ilyes Saidi | 99729423870 |

```
0. Geriye Don...
1. Ana Menuye Don...
```

- **Finding Doktor**

Finding Doktor by ID or TC Kimlik NO.

```
1. Doktor ID'si Kullanarak Ara
2. Doktor TCKN'si Kullanarak Ara
```

```
0. Geriye Don...
```

```
Doktor'un TCKN'sini Girin:  
99729423870
```

```
Doktor Ismi:      Ilyes Saidi  
Doktor TC Kimlik No: 99729423870  
Doktor Diploma No: 201502203
```

- If typing a wrong ID or TC Kimlik No.

```
Girdiginiz TCKN Bulunamadi!  
  
0. Geriye Don...  
1. Ana Menuye Don...
```

- **Hasta Menu**

```
1. Hasta Listesi  
2. Hasta Ekle  
3. Hasta Ara  
  
0. Geriye Don...
```

Hasta Islemleri does the same as Doktor Islemleri Except when adding Hasta by providing Isim, TC Kimlik No and Dogum Yili, the latter must be an int.

```
Issac Laifa Kisisi Basariyla Eklendi!  
  
0. Geriye Don...  
1. Ana Menuye Don...
```

- **Tedavi Menu**

```
1. Tedavi Listesi  
2. Tedavi Ekle  
3. Tedavi Bul  
4. Ayrintilar Ekle  
  
0. Geriye Don...
```

- **Adding Tedavi**

Must Provide Doktor ID and Hasta ID.

```
Doktor'un ID'sini Girin:  
  
1
```

```
Hasta'nin ID'sini Girin:  
  
1
```

```
Tedavi Eklendi!  
  
0. Geriye Don...  
1. Ana Menuye Don...
```

- If providing a wrong ID.

Girdiginiz ID Bulunamadi!

0. Geriye Don...
1. Ana Menuye Don...

- **Tedavi List**

| ID | Doktor Ismi | Doktor TC Kimlik No | Hasta Ismi | Hasta TC Kimlik No |
|-----|-------------|---------------------|---------------|--------------------|
| 01. | Ilyes Saidi | 99729423870 | Issac Laifa | 205525983002 |
| 02. | Ilyes Saidi | 99729423870 | Iskander Trad | 30662501127 |
| 03. | Isra Zergi | 30771443330 | Arwa Minas | 30669609386 |

0. Geriye Don...
1. Ana Menuye Don...

- **Adding Ayrıntılar**

Must provide Tedavi ID.

Tedavi ID'si Girin
1
Ayrıntilari Girin:
Kronik Hastasi
Tamamlandi!
0. Geriye Don...
1. Ana Menuye Don...

- If providing wrong ID.

Tedavi ID'si Girin
7
Girdiginiz Tedavi ID'si Bulunamadi!
0. Geriye Don...
1. Ana Menuye Don...

- **Finding Doktor**

Finding Tedavi by ID, Doktor TCKN or Hasta TCKN.

1. Tedavi ID'si Kullanarak Ara
2. Doktor TCKN'si Kullanarak Ara
3. Hasta TCKN'si Kullanarak Ara
0. Geriye Don...
1. Ana Menuye Don...

- If search by ID, only that specific Tedavi will return.

ID: 3

Doktor Ismi: Isra Zergi
Doktor TCKN: 30771443330
Ayrıntilari:

Hasta Ismi: Arwa Minas
Hasta TCKN: 30669609386

0. Geriye Don...
1. Ana Menuye Don...

- If search by Doktor TCKN or Hasta TCKN, a list of Tedavi will return.

Doktor Ismi: Ilyes Saidi
Doktor TCKN: 99729423870
Ayrıntilari:
Kronik Hastasi

Hasta Ismi: Issac Laifa
Hasta TCKN: 205525983002

0. Geriye Don...
1. Ana Menuye Don...

Doktor Ismi: Ilyes Saidi
Doktor TCKN: 99729423870
Ayrıntilari:

Hasta Ismi: Iskander Trad
Hasta TCKN: 30662501127

0. Geriye Don...
1. Ana Menuye Don...

- **Additional Information**

Due to the small scale of the said Project, and it not having real life applications and it being a “Homework”, Effective user input handlers has not been implemented, the said Project has been made under the basis that the user is familiar with Java.