


1801042657 - Sefa Çiçek


PART 1

 SWI-Prolog (AMD64, Multi-threaded, version 8.4.1)

```
File Edit Settings Run Debug Help
?- ['C:/Users/seffa/Desktop/HW3/part1.pl'].
true.

?- conflict().
Conflict due to these courses: software, organization
Room : z10
Time: 11
true ;
Conflict due to these courses: organization, software
Room : z10
Time: 11
true ;
false.

?- █
```

 SWI-Prolog (AMD64, Multi-threaded, version 8.4.1)

```
File Edit Settings Run Debug Help

?- assignclass(algo).
Class algo can be assigned to z06.
true ;
Class algo can be assigned to z10.
true ;
false.

?-
```

File Edit Settings Run Debug Help

```
?- assignroom().
z06 can be assigned to pl.
true ;
z06 can be assigned to pl.
true ;
z06 can be assigned to organization.
true ;
z06 can be assigned to organization.
true ;
z06 can be assigned to algo.
true ;
z10 can be assigned to pl.
true ;
z10 can be assigned to pl.
true ;
z10 can be assigned to software.
true ;
z10 can be assigned to organization.
true ;
z10 can be assigned to organization.
true ;
z10 can be assigned to algo.
true ;
z10 can be assigned to totalQuality.
true ;
z23 can be assigned to organization.
true ;
z11 can be assigned to organization.
true ;
false.

?- 
```

File Edit Settings Run Debug Help

```
?- assignstudent(sefa).
sefa can be assigned to algo.
true ;
sefa can be assigned to totalQuality.
true.

?- assignstudent(volkan).
volkan can be assigned to totalQuality.
true.

?- assignstudent(gorkem).
gorkem can be assigned to pl.
true ;
gorkem can be assigned to organization.
true ;
false.

?- 
```

```
?- enroll(sefa, algo).
sefa can be assigned to algo.
true.

?- enroll(sefa, totalQuality).
sefa can be assigned to totalQuality.
true.

?- enroll(sefa, algo).
sefa can be assigned to algo.
true.


?- enroll(sefa, totalQuality).
sefa can be assigned to totalQuality.
true.

?- enroll(sefa, pl).
false.

?- enroll(taha, pl).
false.


?- enroll(gorkem, organization).
gorkem can be assigned to organization.
true.


?- enroll(gorkem, pl).
gorkem can be assigned to pl.
true.

?- 
```

PART 2

```
?- ['C:/Users/seffa/Desktop/HW3/part2.pl'].
true.

?- route(canakkale, X, C).
X = erzincan,
C = 6 ;
X = antalya,
C = 9 ;
X = izmir,
C = 11 ;
X = istanbul,
C = 13 ;
X = ankara,
C = 14 ;
X = rize,
C = 19 ;
X = diyarbakir,
C = 22 ;
X = van,
C = 18 ;
X = gaziantep,
C = 21 ;
X = rize,
C = 17 ;
X = ankara,
C = 22 ;
X = diyarbakir,
C = 30 ;
X = van,
C = 26 ;
X = gaziantep,
C = 29 ;
X = ankara,
C = 17 ;
X = istanbul,
C = 18 ;
X = rize,
C = 22 ;
X = rize,
C = 22 ;
X = istanbul,
C = 26 ;
X = 
```

```
C = 29 ;
X = ankara,
C = 17 ;
X = istanbul,
C = 18 ;
X = rize,
C = 22 ;
X = rize,
C = 22 ;
X = istanbul,
C = 26 ;
X = diyarbakir,
C = 25 ;
X = van,
C = 21 ;
X = gaziantep,
C = 24 ;
X = diyarbakir,
C = 13 ;
X = ankara,
C = 21 ;
X = izmir,
C = 27 ;
X = istanbul,
C = 29 ;
X = rize,
C = 33 ;
X = istanbul,
C = 22 ;
X = izmir,
C = 24 ;
X = rize,
C = 26 ;
X = rize,
C = 26 ;
X = istanbul,
C = 30 ;
X = izmir,
C = 32 ;
X = van,
C = 25 ;
X = gaziantep,
C = 28 ;
X = 
```