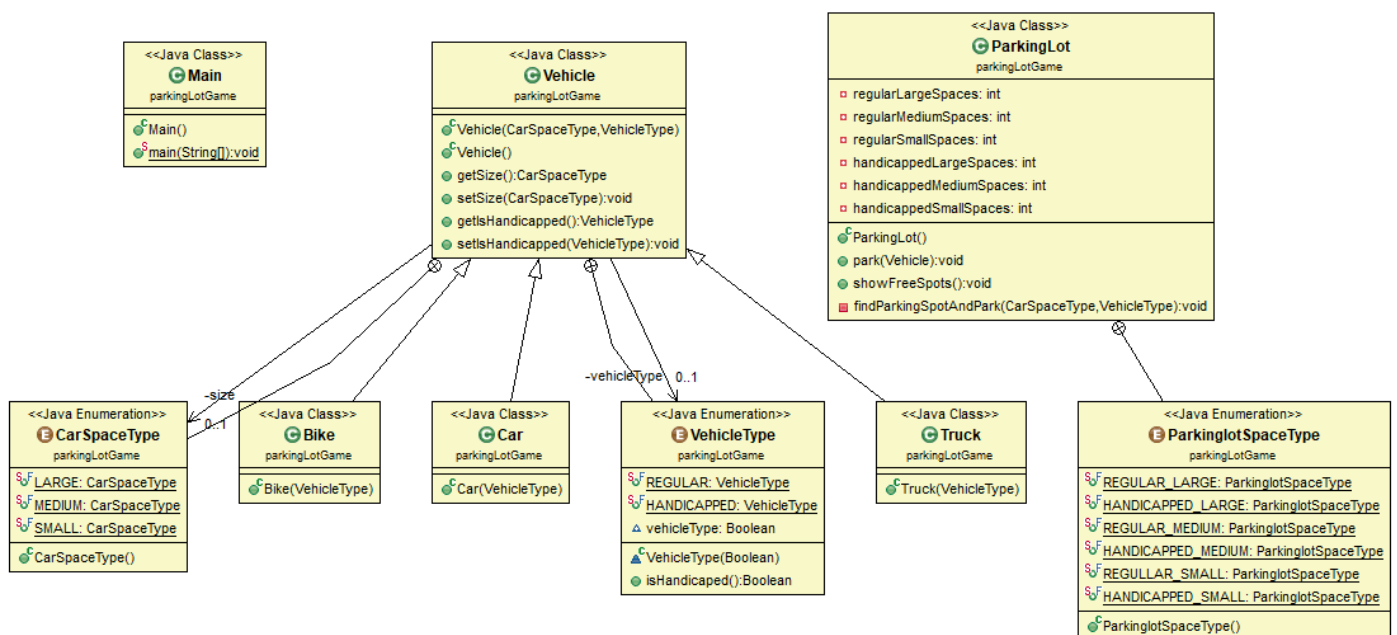
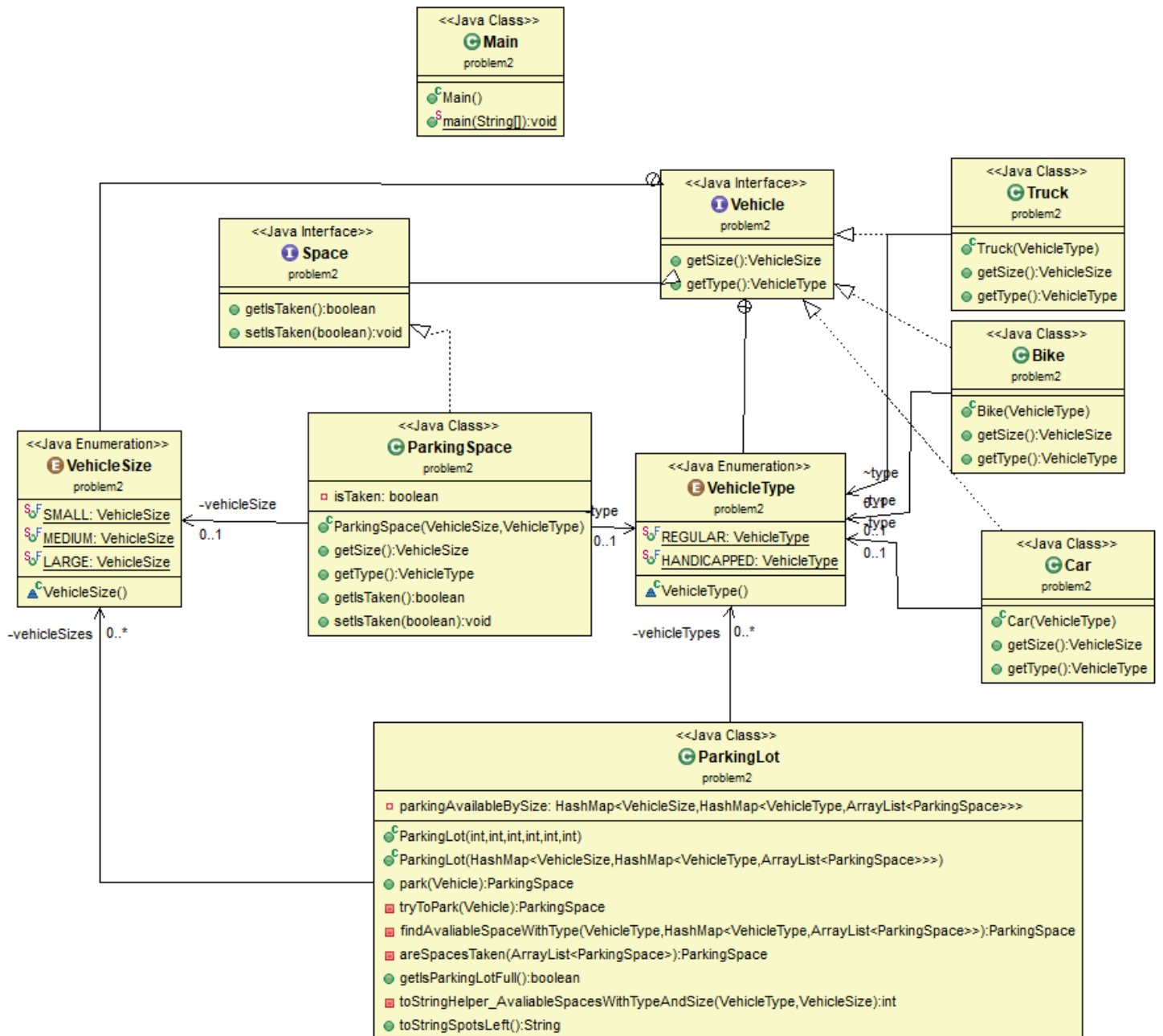


## Zadatok 2

- Napraviti ćemo parkiralište
- Program će na kraju izvršavanja napisati da li je parkiralište puno i koliko je mjesta ostalo slobodno
- Postoje regularna mjesta i mjesta za invalide
- Regularna vrsta automobila se može parkirati samo na regularnim mjestima, dok se auto sa invalidskim oznakama može parkirati i na regularnim i na mjestima za invalide (ako je mjesto za invalide slobodno, auto sa invalidskim oznakama će se prvo probat tamo parkirati)
- Svako parkirno mjesto ima određenu veličinu (malo, srednje i veliko)
- Postoje tri vrste vozila, malo (motor), srednje (auto) i veliko (kamion)
- Malo vozilo se može parkirati na malom, srednjem ili velikom mjestu. Srednje vozilo se može parkirati na srednjem ili velikom mjestu. Veliko vozilo se može parkirati samo na velikom mjestu
- Parking ima 48 mjesta, 10 velikih regularnih mjesta, 24 srednjih regularnih mjesta, 9 malih regularnih mjesta i 5 srednjih invalidskih mjesta
- Imamo slijedeći redoslijed dolaska automobila na parkiralište: 6 invalidskih automobila, 8 kamiona, 3 automobila, 1 invalidski kamion, 1 kamion, 1 invalidski kamion, 3 motora, 1 auto
- Nakon što smo parkirali sve automobile provjeri da li je parkiralište popunjeno

Kao malu pomoć šaljem dvije slike gdje vidimo dva primjera kako je zadatak riješen (class diagram). Možete riješiti na jedan od tih načina ili napraviti neko svoje rješenje





Ispis može izgledati ovako:

Parking Medium Handicapped cars

The car has parked in a MEDIUM HANDICAPPED  
The car has parked in a MEDIUM HANDICAPPED  
The car has parked in a MEDIUM HANDICAPPED  
The car has parked in a MEDIUM HANDICAPPED  
The car has parked in a MEDIUM HANDICAPPED  
The car has parked in a MEDIUM REGULAR

Parking Large regular trucks

The car has parked in a LARGE REGULAR  
The car has parked in a LARGE REGULAR  
The car has parked in a LARGE REGULAR  
The car has parked in a LARGE REGULAR  
The car has parked in a LARGE REGULAR  
The car has parked in a LARGE REGULAR  
The car has parked in a LARGE REGULAR  
The car has parked in a LARGE REGULAR

Parking Medium Regular cars

The car has parked in a MEDIUM REGULAR  
The car has parked in a MEDIUM REGULAR  
The car has parked in a MEDIUM REGULAR

Parking Large Handicapped truck

The car has parked in a LARGE REGULAR

Parking Large Regular truck

The car has parked in a LARGE REGULAR

Parking Large Handicapped truck

The car cannot be parked at this time.

Parking Small Regular bike

The car has parked in a SMALL REGULAR  
The car has parked in a SMALL REGULAR  
The car has parked in a SMALL REGULAR

Parking Medium regular car

The car has parked in a MEDIUM REGULAR

Is the parking lot full? false

What spots are left?

There are 6 SMALL REGULAR spots left.  
There are 0 SMALL HANDICAPPED spots left.  
There are 19 MEDIUM REGULAR spots left.  
There are 0 MEDIUM HANDICAPPED spots left.  
There are 0 LARGE REGULAR spots left.  
There are 0 LARGE HANDICAPPED spots left.