Game Classes Hierarchy

SPACE SHIP CLASS HIERARCHY

Composition

```
                    Space Ship  ◄═══════  Bombs

        My Ship              Enemy Ship

                    larger          Smaller
```
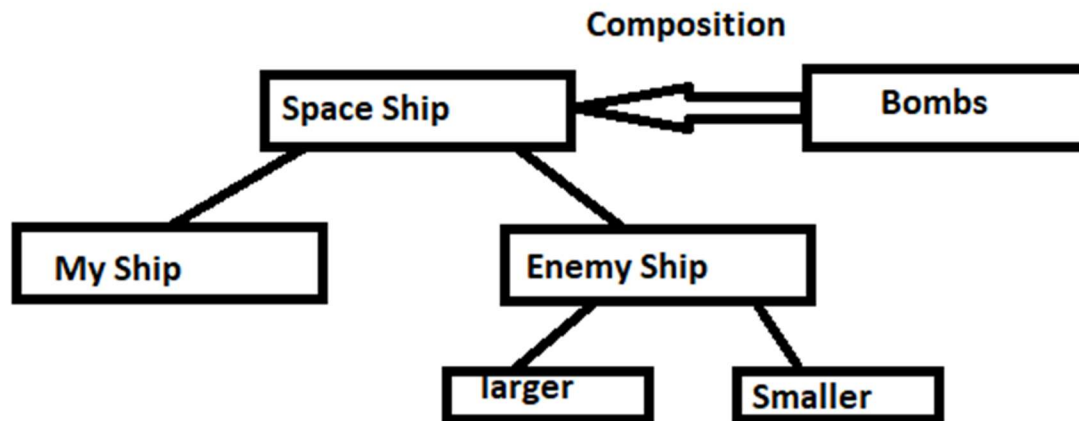
In spaceship class, Bombs Class is composed by doing this both child classes My Ship and Enemy Ship use Bombs. Now Enemy class have two childes one is larger and other is smaller both have different attributes.

ASTEROIDS CLASS HIERARICHY

```
                    Asteroid

        Simple Asteroid        Complex Asteroid
```
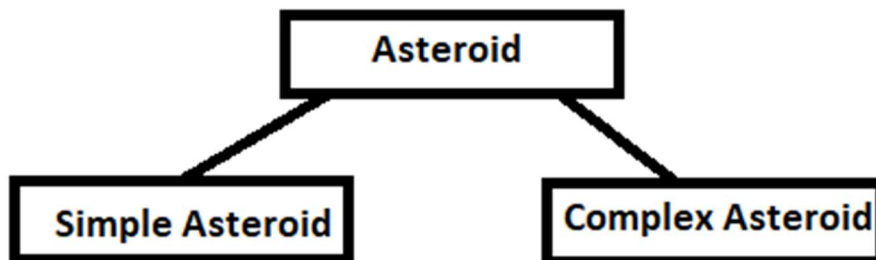
Asteroid class have two childes one is simple other is complex. Asteroid class contains function like draw,destroy etc.

SPACE CLASS HIERARCHY
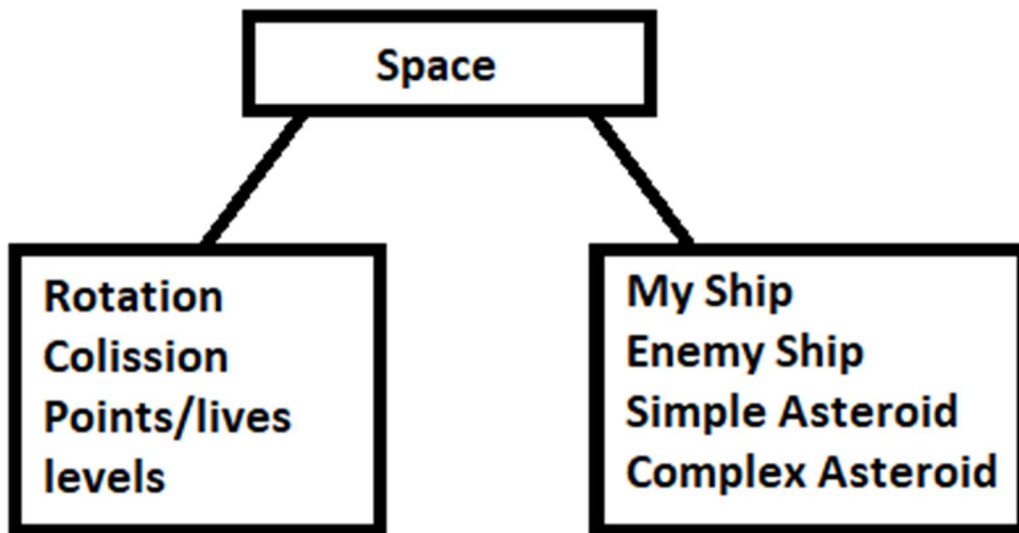
Space class is my main class which composed of My ship, Enemy ship, Simple Asteroid, Complex Asteroid classes and also some main functions like rotation of objects, Collision of objects, Score, lives and level of game