1-When a class is derived from more than one base class it is called multiple Inheritance. The derived class inherits all the features of the base case.

2-According to Wikipedia, “the delegation pattern is an object-oriented design pattern that allows object composition to achieve the same code reuse as inheritance.”

3-Compositions; It is a programming technique used when establishing relationships between classes and objects.

4-Bounding boxes are axis-aligned rectangles. They are the simplest closed shape type in planar, represented by two points containing the minimum and maximum coordinates for each axis.

5-This is sometimes misleadingly called private attributes really, it's just a way to localize a name to the class that created it, and does not prevent access by code outside the class. That is, this feature is mostly intended to avoid namespace collisions in instances, not to restrict access to names in general.