

- 1) A Class is the definition of an object. A class specifies member functions and member variables that belong to that object.
- 2) A member variable is a variable that belongs to an object, and to call it you have to reference the object and a regular variable belongs to a scope and as long as you are in the scope you can reference that variable.
- 3) member functions are functions used by a class and you have to call it using the class name or an argument and a dot and then the function name and arguments and the other is just the regular function we have been using
- 4) inheritance is used with an IS A contexts such as student is a human, and composition is a collection of objects such as a car HAS A engine.
- 5) to initialize all the member variables.
- 6) `__init__` and it is only called once.