-A simple class definition ansists of a header and a set of method definitions. Several related class can be defined in the same module Fach = element, a module, a class and a method, can have a separate docstring 2 associated with 169 In addition to methods, a class can also include justance variables These represent the data attributes of the class, Each instance or object has memory storage 2 2 The constructor or init method is called when a class is instantiated Contains a header and a body, First parameter is always self 2 - Instance variable is introduced and referenced like any other variable, always prefixed with self. + Some standard operators can be available for use with new classes of object. The overloads an operator by defling a method that has the correspondly name. When a program can no longer reference an object, it is considered dead and its strage is secycled by the garbage collector - A class variable is a name for value that all instances of a class share in common. Picking is the process of converting an object to a form that can be saved to permanent file storage Try-except statement is used to catch and handle exceptions. Object Oriented features: en capsulation, inheritare, polymorphism.

Exercises. D. What are instance variables, what when over self play? - I.V. is a variable deflet in a class - Selt represent the intence itself needed in every class method. 1) What a constructor doer? - instantinte a class/object D Explain - Str\_ method -print sa data information about the intence Give was coder information (4) det set Name (selt Home): Selt name = Nome (3-) det get Age (self): return (self.age) (6) When a program can no larger reference an object, it is deal, storage recycled by garbage offector. O create another parameter to store the 12-digit number 3. A class variable is a name for a value that all instance of a class share in common (3) By defling the new method that has the corresponding name Det total Asset (self): Fotulasiel =0 1) for (i in accent): totalasset += i. getbalance. return (total asset)