Philosophy of Complex Objects

Let's imagine some information Concernis a student:

- O First Nome (Str)
- 2) Last Nane (str)
- 3 Student ID (int)
- G Address -> List

 [908, "Promenale lea",
 str str
 "Williasbuy", "VA",

 23185]
- (5) Grades -> dict

{ "HW" = 94.2 , "Quiz": 75.8 , "Tests": 88.4 "Final": 71.2

Student-info = [firstname, lastname, student-id, address, grales]
Student-id, address, grales]

Dint (student-mso)

print (student-info [43['Hw']) -) Student in so is a complex assently of information, of many different types -"object" -> Let's Call this on overything could be called Jinfat, an object -> int, float, string, builden 1) lists, dids -> lists of lists -> 17313 of dids J dects of 113ts, ... 7 Main Point: It would be

nie to have a system to define objects in our own way, and des objects.

This is what classes, and object - oriented programming is all about!! (3)