July - 4mg Python-tutorcial 7 · Encapsulation: (to hide the implementation input - output (when you wanto hide method) 1 Composition: class Tyre: def _init_ (self, a,b,a): self. a=a self · b = b def - str- (self): seturn ("Tyres: In It
a:" + self. a+"In It class Engine: def_init_(self, c, d) self.c=c self.d-d olef __str_ (self): Jeturn ("Engine: In It C: "+ self.c+"In It) d: "+ self.d dass Body: def = init_ (self, size) Self. size = size def _ str_ (self) settern ("Body: In It size:"+ self. size

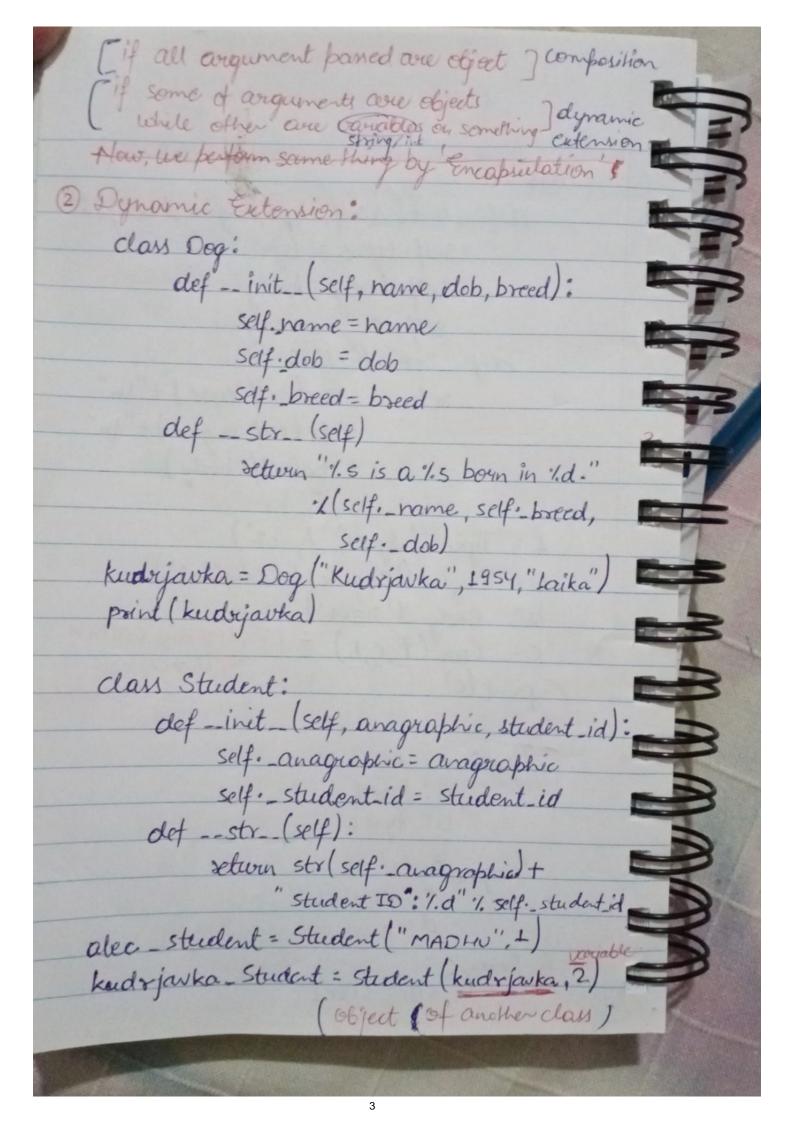
class Car: def_init_ (self, type, engine, body): self tyre = tyre self body = body self. engine - engine def _str_(self): seturn Str (self.tyse) +"In" +str (self. engine) +"In" + str (self. body) t = Tyre ('syres', 'syre2') t = Tyre ('dyret, syre-)

e = Engine ('engine1', 'engine2')

b = Body ('size1')

c = Car (t,e,b). + (: directly calling

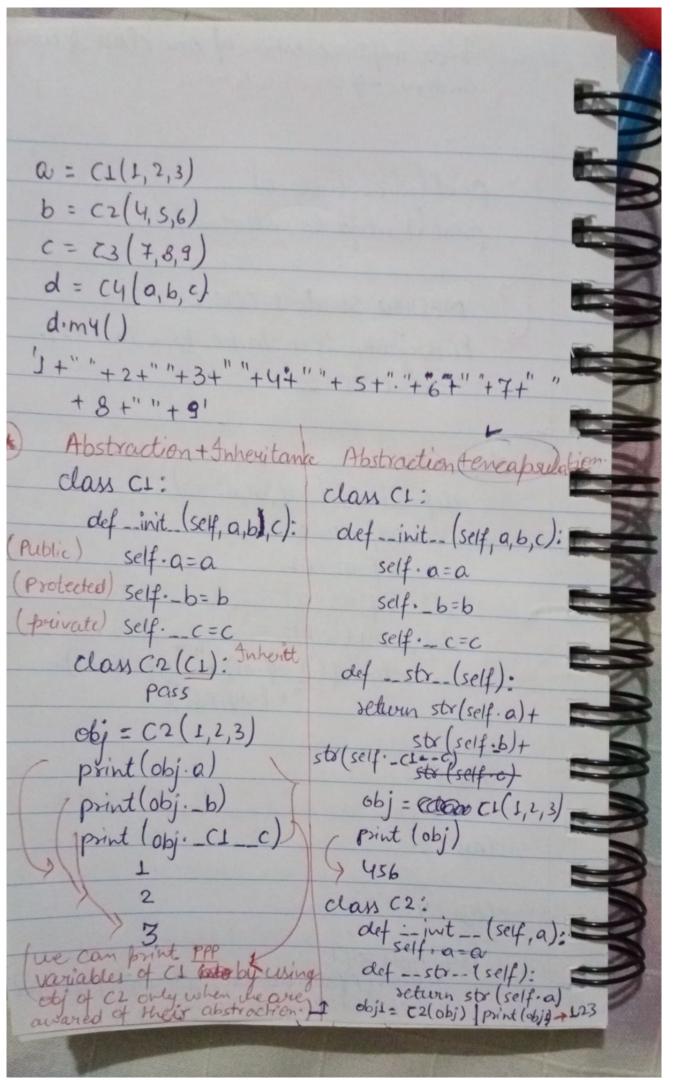
encapsulation) lyres: a: tyret b: tyrez Engine:
c: engine2
d: engine2 Body: size: sizel



hide implementation of one class & use it in another -> encapsulation. print (alec_student) print (kudrjavka_student) MADHU Student ID: 1 Kudrjavka is a Laika born in 1954. Student ID: 2 day C1: def _init_ (self, a1, a2, a3): self. a1 = a1 self . 92 = 02 self · 93 = 93 def wimi (self): return (f'{self-a1} +" + {self-a2}+" + {self-a2}+ class C2: same as CI (we binstead of a in class (3: class CY: def my (self):

settem (f'{self.dl·ml()}+""+ {self.d2.ml

+""+{self.ols.m3()})



Rublic, Private and Protected crists as well as don't exists, we can understand from previous example. As by cising inheritance & encapseilation we can access private protected. · Jolymorphism And Duck Typing: (ability to use same syntax for objects of different types) def summer (a,b) operator is some but seturn atb performs padition print (summer (1,1)) print (summer (["a","b","c"), ("a", "e"])) print (summer ("MA", "DHU")) ['a', 'b', 'c', 'd', 'e'] MADHU · Files : (1) Oceating a txt-file 1.1. writefile text 21. txt Hello, this is how to create a txt-file. Opening a file my-file = open ('text21-txt') my-file (my-file-read()
Hello, this is how to create a txt-file?

