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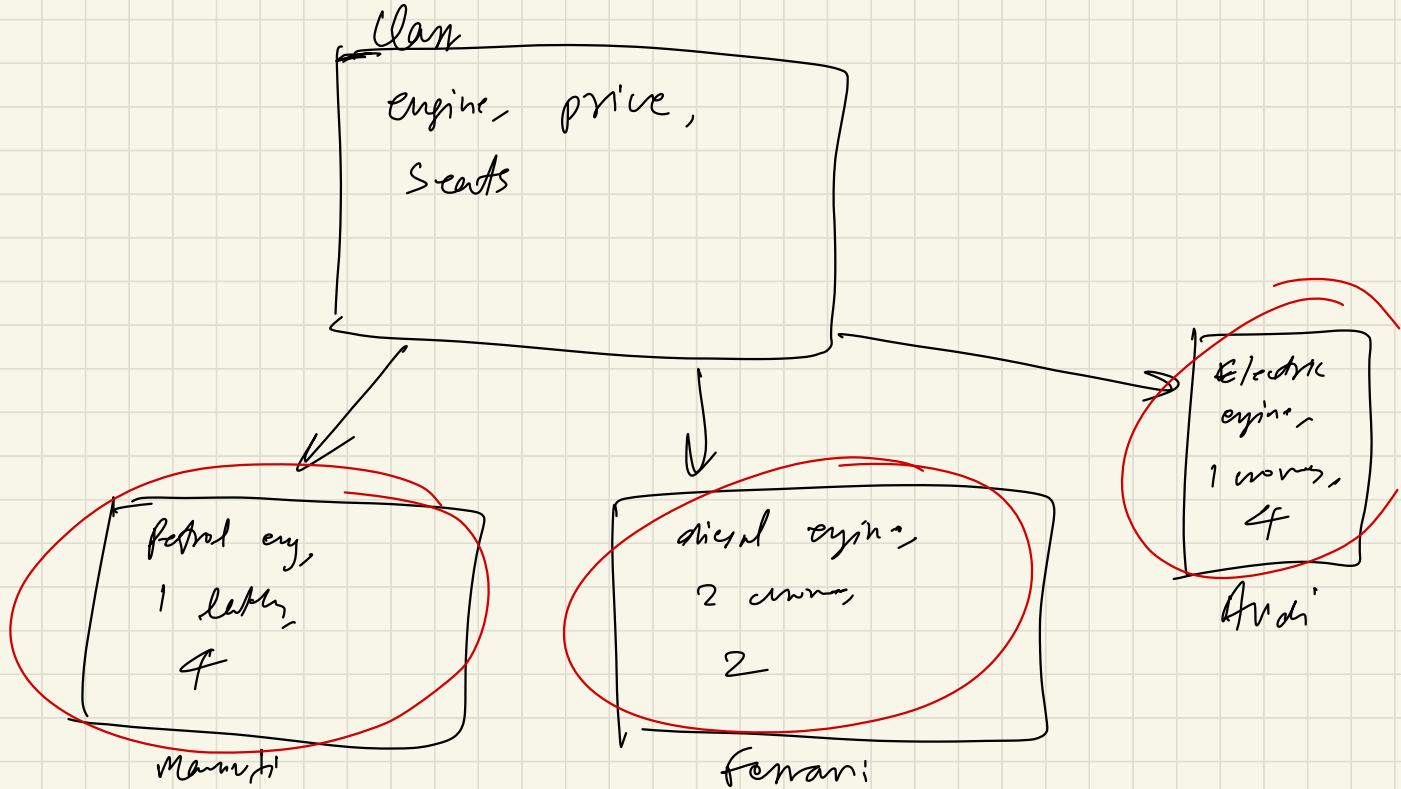
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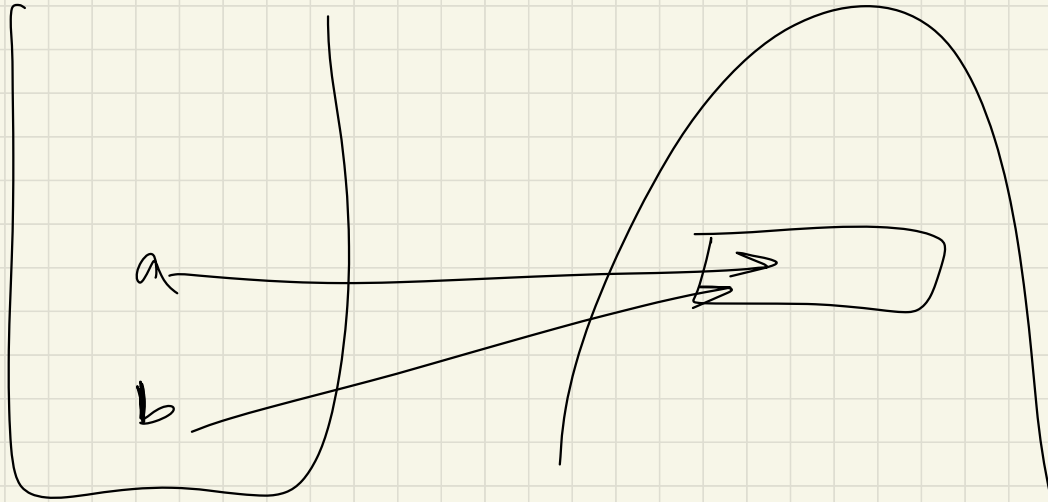
Notes: Text files in Github repo.

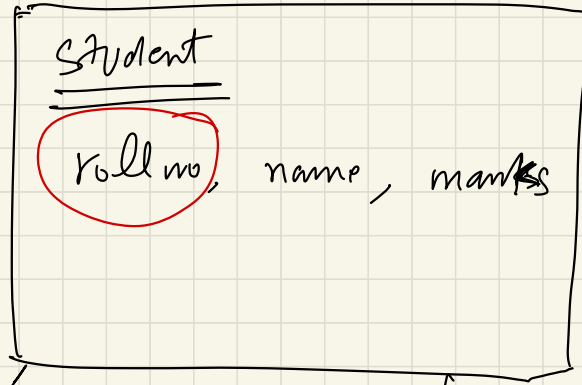
This file is just rough work.



Class  $\rightarrow$  logical construct

Object  $\rightarrow$  physical reality // Occupies space is  
memory.





ArrayList list  
new ArrayList()

14, Kunal, 82.9

student 1

28, Anmol, 92.7

student 2

33, Anais, 95.89

student 3

operator : sort ( student1.roll )

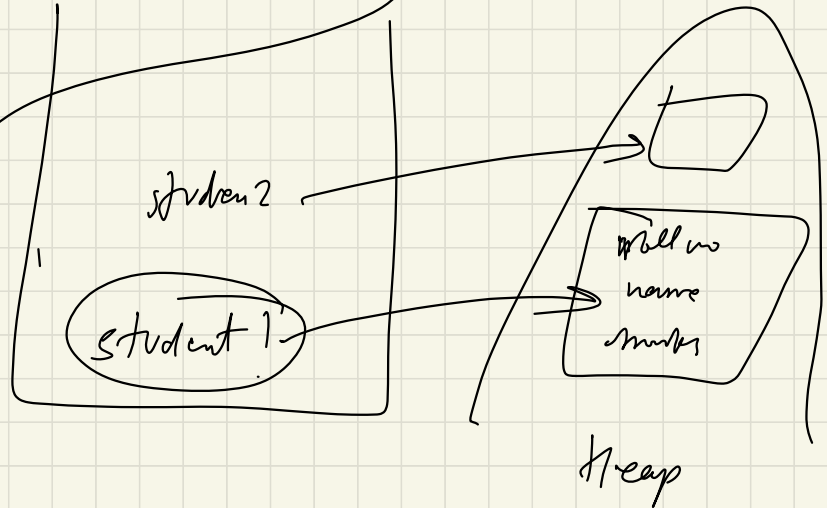
→ 14

```
class Student {  
    int rno;  
    String name;  
    float marks;  
}
```

```
Student student1; // declare  
student1 = new Student ();
```

↓

dynamically  
allocates memory  
& returns a  
ref to it.



Student student1 = new Student ();  
Compile time                      runtime

*(Note: In the original image, 'Student ()' is circled in red with an arrow pointing to a question mark.)*

Constructor is special function, that runs when you create an object and it allocates some variables.

Student

rho = 0.

name = null

marks = 0.0

new

print

Normal

rho = 13

name = "Kunal Kushni"

What:

Student Kunal =

new student (13, "Kunalkushnaha", 84.3)

special type of function in the class.

bind these arguments with  
the object.

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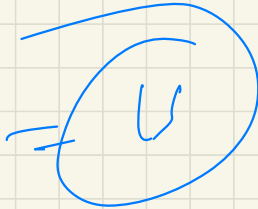


roll

↓

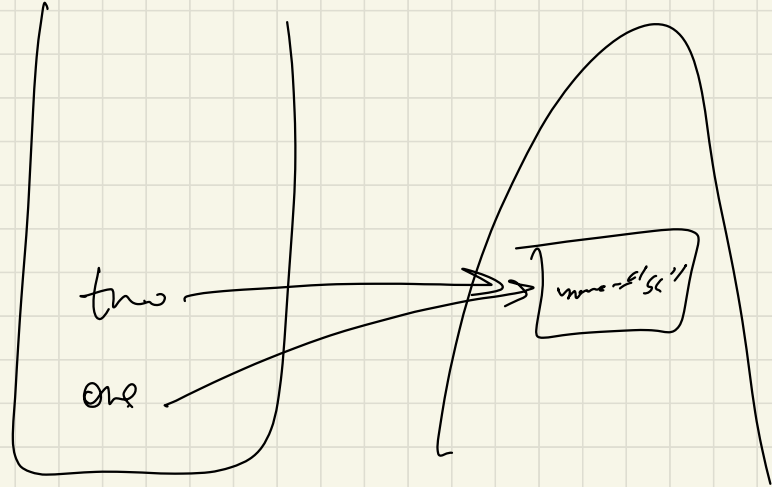
is

kind : var = roll



Student one = new student();

Student two = one;



final int INCREASE = 2;

always initialize while declaring.

---

final Student kunal = new Student ( )

kunal.name = 'kunal kumar'

kunal = other object

---

