

→ class

Defn

class Abc:

← $x = 5$

class Variable

```
def __init__(self):  
    self.num = 5
```

←

Instance Variable

SOLID Principles

→ Single Responsibility principle

→ DRY

→ Do not Repeat yourself

KISS

→ Keep it simple stupid.

Class



Encapsulation

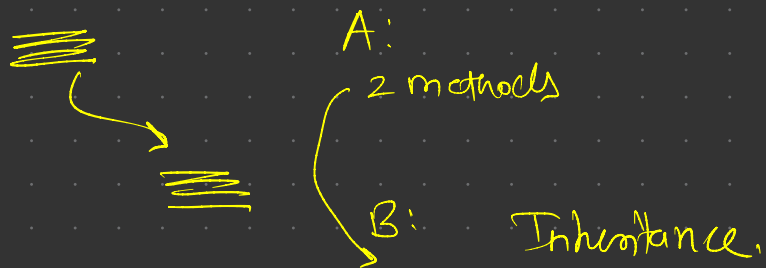
class Person.



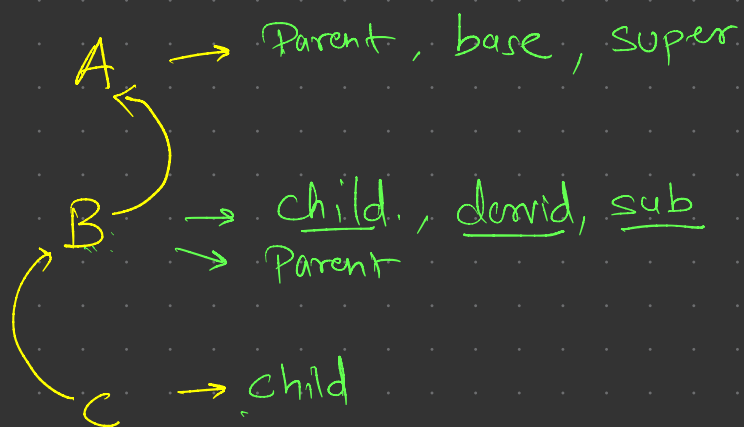
class DBConnect



Inheritance → DRY



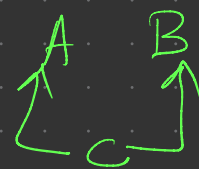
3310



single
level
Inheritance



multi-
level
Inheritance



multiple
Inheritance

