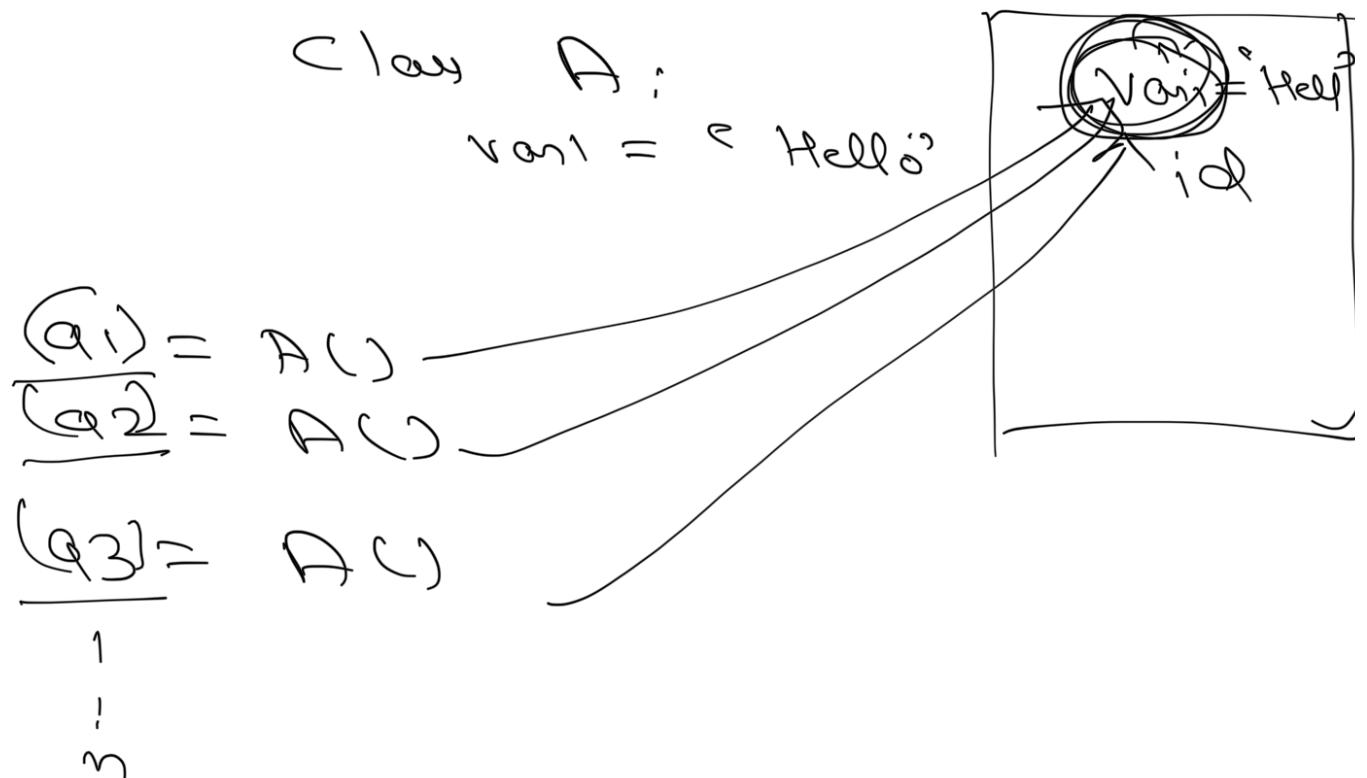


OOP - Part 2

- Static Variable or Class Var
- It will be defined just under the Class Scope.
- ③ It's a shared variable which can be accessed by all the objects as well as class itself.

Ex:



Pillan of OOP

① Encapsulation:

→ Hiding everything at one place

→ Class

→ Properties

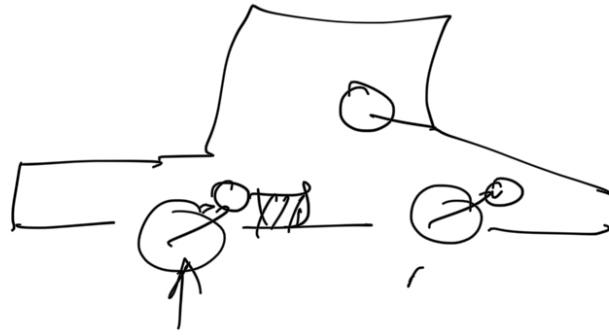
→ Methods

```
Class Employee:  
    ...  
    def ..
```

→ Packed Everything into a single Entity

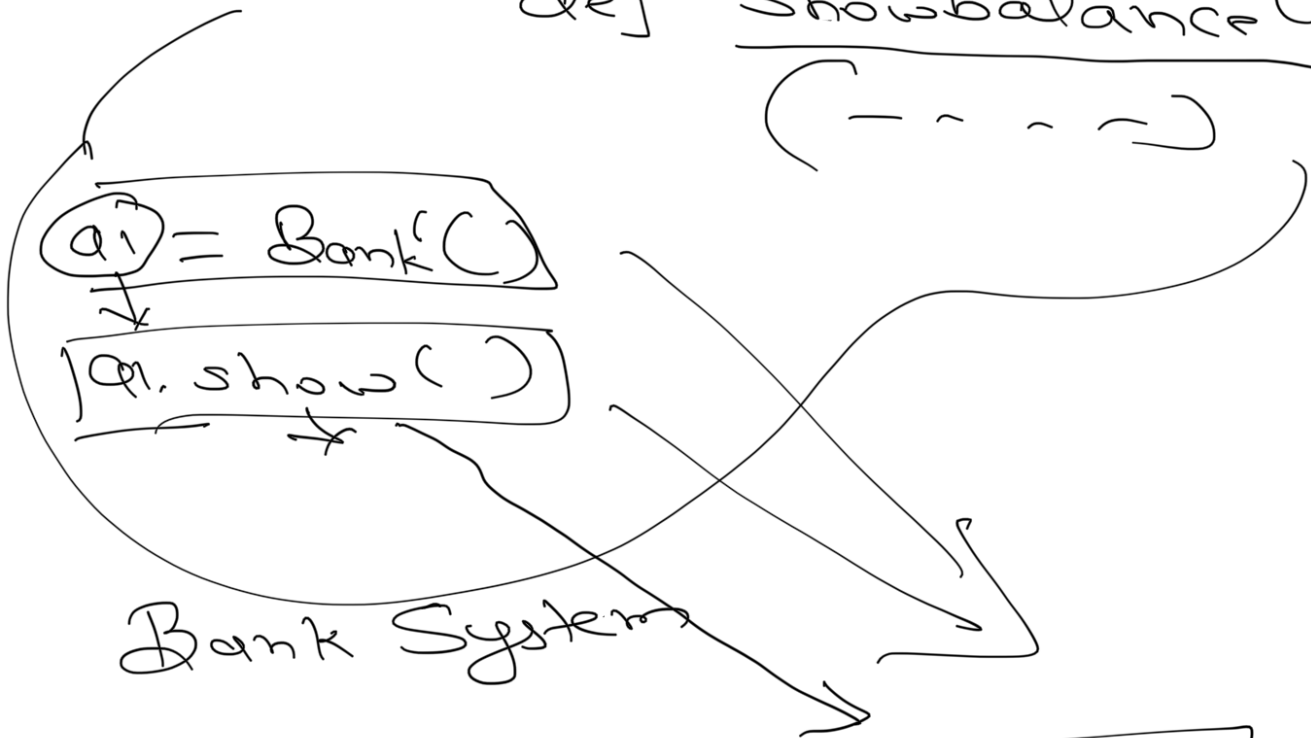
② Abstraction

Hiding irrelevant details of Code.



Bank Account

def showbalance()




```
class child (Parent)
```

```
def method1 (self, name)  
    "
```

⇒ Overriding: When parent and child methods have same function signature

⇒ Overloading ⇒

⇒ Parent and Child will
⇒ Have different function
Signatures.