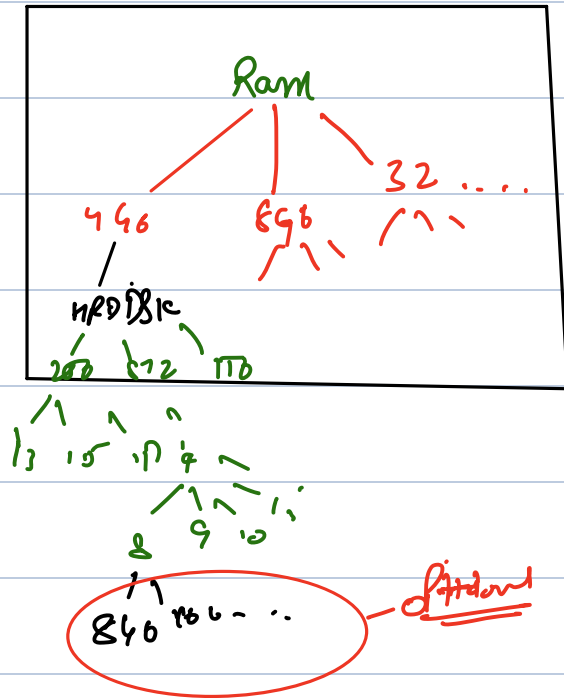


Agenda :

- Boulder D.?

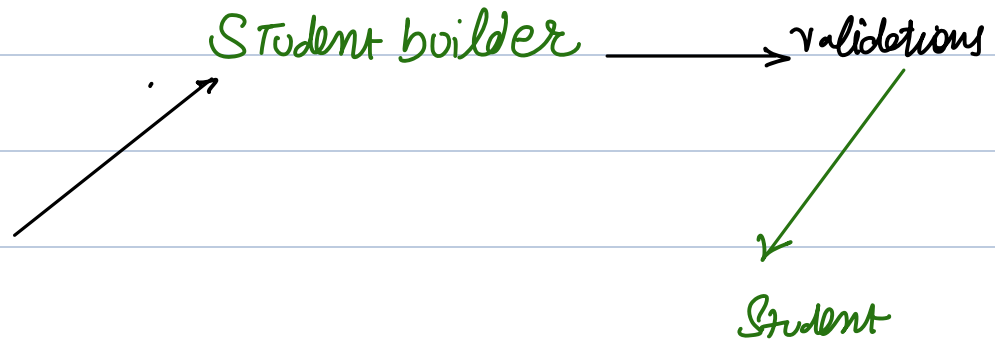
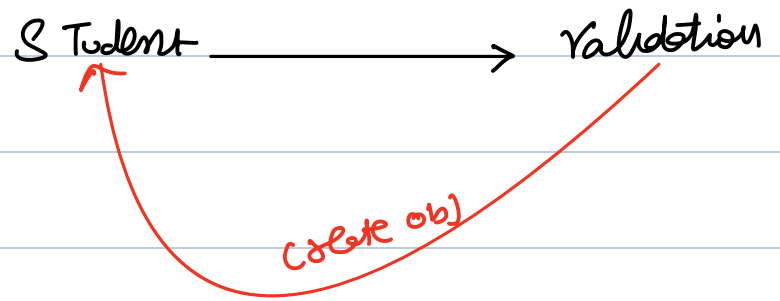
1.



Public Computer (Room, Disk, Geographic Card)

Public Corp (Ram, D, etc)

1. Too much configuration
2. Validation on each field
3. Don't create obj if validation fail



Components:

1. Director: Talk to internal layers
2. Builder: The ABC
3. Concrete builder: Imp. of builder ABC.
4. Product: complex obj.

class computer:

```
def __init__(self):
```

```
    self.cpu = None
```

```
    self.memory = None
```

```
    self.storage = None
```

```
    self.gpu = None
```

```
def set_cpu(self, val):
    self.cpu = val
```

```
class ComputerBuilder():
```

```
    def __init__(self):
```

```
        self.cpu = None
```

```
        self.memory = None
```

```
        self.storage = None
```

```
        self.gpu = None
```

```
    def set_cpu(self, val):
```

```
        if val > 1000 GB or
```

```
            < 256 GB:
```

```
            error
```

```
        self.cpu = val
```

```
    def build(self):
```

```
        return Computer(self.cpu,
                        ....)
```

```
# class Director:
```

```
    def get_config():
```

```
        ram = input("->")
```

```
        {
            stor = ____

```

```
        :

```

builder().set ch1,

· set s - {,

;

· build()

