pillars et 00Ps

Objects le classes

accon modifiers

Constructors

- (3) constructors

 deup copy vs snallow copy

 Stanic keyword.
- 3 Inhaiterce polymorphism
- abstract dasser interfaces final keyword.

Example -> leal life
Definition

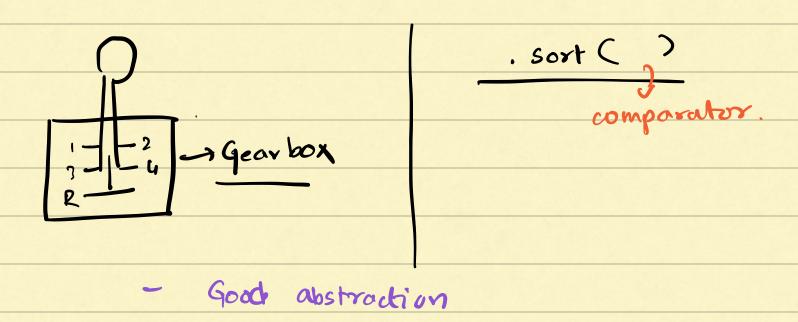
additional information.

Intro to OOPs
OOPs -> Object Oriented Programming.
A paradigm of programming
Fundamental Style.
(procedural pro gramming
procedures - a set of instructions
functions
f(1) + f2(1) + f3() [C] language
printDetails (name, roll no, age, hatch)
printDetails (name, roll no, age, hatch)
printDetails (name, roll no, age, hatch) Struct student &
Struct student ?
Struct student ?

print Details (Student S) subject. Akash is teaching Students are learning Some student is sleeping will go to work vab. Subject Someone is doing something SoprintDetails () -> behaviour class (entity) proporties behaviour Realchle Unders tan Lable extensible maintai nable

Abstraction -> Principle Inheritence Supports Polymorphism Pillars -. En capsulation

Abstraction

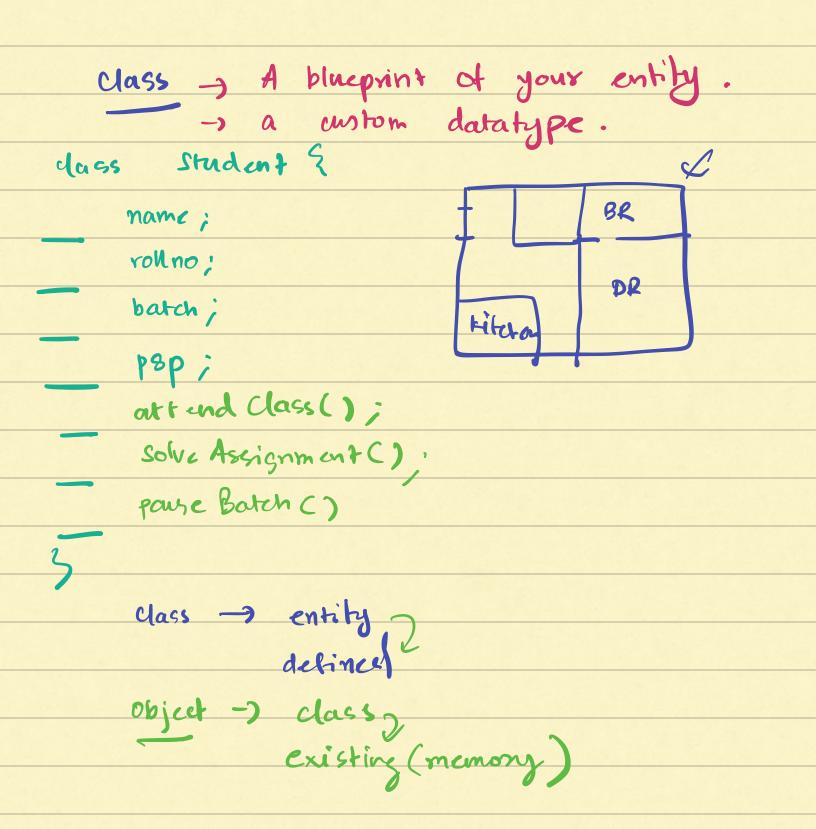


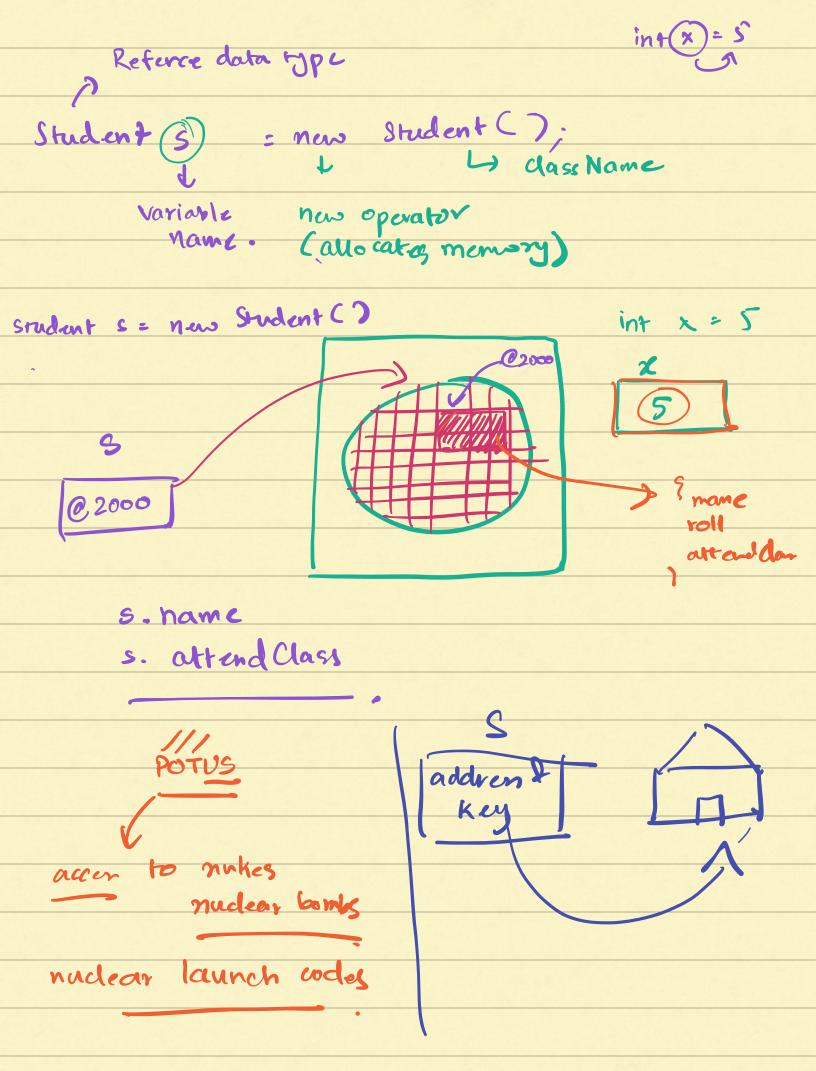
- representing complex systems in terms

Co class lentity

- Not showing	unnecessary	details to
others		
class Bird 3 6	example	
# wings		
wlour		
weight typeOfBeak	Exom	ple of polymorphis intrevitare
fuy()		
ear()		
make nert ()		
7		
Encapsulation		
- To hold all	the things	inside (Class)
- Proted if t		
- Class encapsul	lates the p	
behaviours to	getner	

- Accen modifier profest the properties





	1
int $\alpha = 10$;	
int y = 7;	
y = y +10 ;	
print (z)	
10	
Y	
10,	
3 10	
1/620 -	

Student SX = new Student sx. age = 10; Student sy: SX; sy. age = sy. age +10; print (Sx. cege)

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Acces Modifiers

public	public int x=10;	accessed from anywhere
private	private fluary:0.0,	accessed only in its own dass
protected	protected char 2 = 'x';	accessed with in In package
default	int 2 = 10 j	accessed with in the
		package

Inheritence

can be accessed outside package with in a child class.