Opps Advanced Concepts
1) Inhemitance
p duess modifiers
De Access modifiers De Method overloading De Multilevel inheritance.
2) Abstract class
3) Intentaus
DInheritance:
-9 It allows one class (child) to inheritance properties and behaviours of another class (pagent)
- E Imagine a Library : s a parent class
rount 2fem Books -ID -Iduthor -purphere
magine roublic toublishes, Xpmaje & publishes, routelled & published
20s - Enrol Os Epublishen
2) Abstract class
only Declaration to dus simple function.

abstract class vehicle 2 111 abstract void start(); Mulboact [must overide] void suellypers L //wacreado

(already implemented)

System-auf println("petrol");

y y void start 1/2

System out point ('an started!'); class pythen; abe impost ABC costractmethod Vehicle (ABC): class @ abstractmethad Habsbrack start (self): (must overide) det fuel-type (scif): Ficoncoete refron "Papol" Fleult value (correpicle): class det start (self print ("cor stronged")

2) Interfaces
-> only declaration, no definition Complementation) of functions as method -> variables are final means constant capt change offer declare
m: Oava
intenface Paymentluteway
int Max-Limit = 100 10000
intentace Paymentluteway (int Max-Limit - 100 10000; y (/ public static final by default
class paypal implements payment Catework
raid undattimit()
void updatelimit () L 11 Musi-Limit = 20000;
~ X compile-time evros
(can't modify)
abbact and interfere classe directly
-rue use child class of that abstract
and interfaces classes to execute
objects
Color of the day the oft
-s we can call child class objects

1113 Intenface ObducessLayen 2
void connecto;
void insorts; Unly declaration
clas Sollide entends Obdauslayors
wor'd unnocted
G Operation (n)
Vord recetalable (/ L
Void insur 12 L
must implement all methods in subilciss
Scannod with OKE