Sunday, 25 February 2024 9:20PM

Abstraction

4 flowers of hiding the implementation

and only showing punctionality to the

user.

Focus on "what" instead of "how"

4 Abstract classes

6 Interpress

Abstract class

(abstract some methods
(cannot create an object for it
(has abstract & non abstract methods / method bodies
(can begin at the methods

4 can have final mothods

4 May on may not perovide complete abstraction.

2) Interfaces. > 100%. Abstraction

(Solvepoint of a class

It will only have abstract methods

but no implementations.

6 camot instantiate interpace.

Interface Inheritance Interface Interface

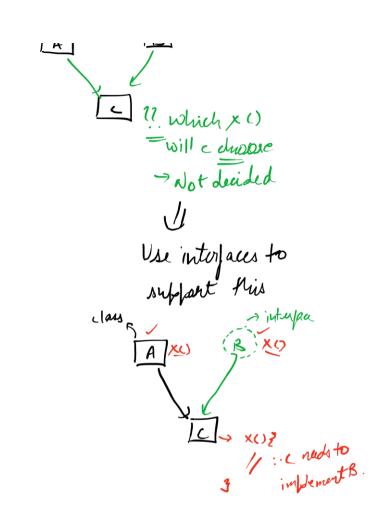
Class Timplements Tentends

Class Interface

Class Interface

Multiple Introvitance in Java:

XU EXX



Abstract class

- -> Abstract + nonabet methods
- > No not hupport multiple inheritance

Interpress →only about

methods

-> They sufficient multiple inhoritance

, static, final vainables

ron static revialdes

can implement an interface

- -, entends
- > 0-100% abstraction

-> 100% abstraction

$$\begin{array}{r}
1000 + 10000i \\
-100i - (1000(-i)) \\
= 2000 + 9900i
\end{array}$$

PIZZA BILL GENERATOR---> https://vimeo.com/780838079/cfc70c4521?embedded=true&source=vimeo_logo&owner=182753595

Github --> https://github1s.com/acciojob/pizza-billing-tushargarg200