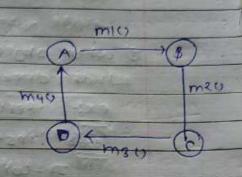
Lecture 32: Vendor machine Build (state design pattern).

Inhaduction

suppose there is an object which can exist in limited no or terms states at a time,

state machine diagram. mic

objects methods (A)- $A \longrightarrow M(0) \Rightarrow A \rightarrow B$ B m20=) B-) C (D) (D) $D \qquad m_1 U \Rightarrow D \rightarrow A$



when to use state design pattern:

when object changes vit's skyles apper pesticular operation / method, we can use state pesign pattern.

Geample: - Bouilding vendong machine

vendor machine working: - we will enter item needed through keypad when vm give us that them in dispenser.

brates in vendormachines:

- @ NO coin state when no coin insected.
- @ Hascoin state when coin is inscored.
- 3) Dispense state item is being dispensed @ soldour state - item is sold | ginished
- 3 Return coin state vm teturn coin when item
- is ong vailable.

