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Matric - A23C30005

Section - 01

Section A

Q1 → C

Q2 → B

Q3 → D

Q4 → B

Q5 → C

Q6 → C

Q7 → C

Q8 → B

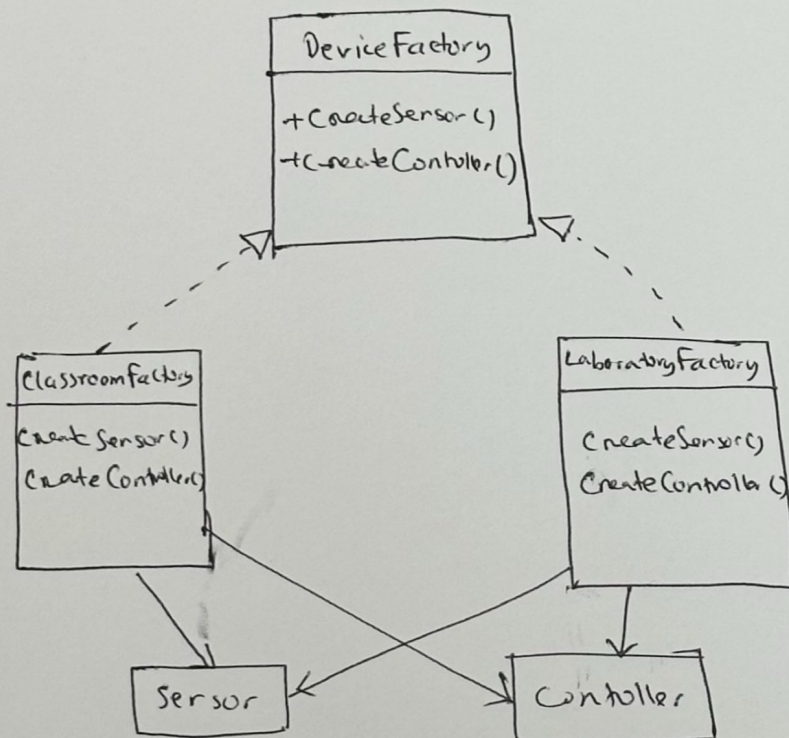
Q9 → C

Q10 → D

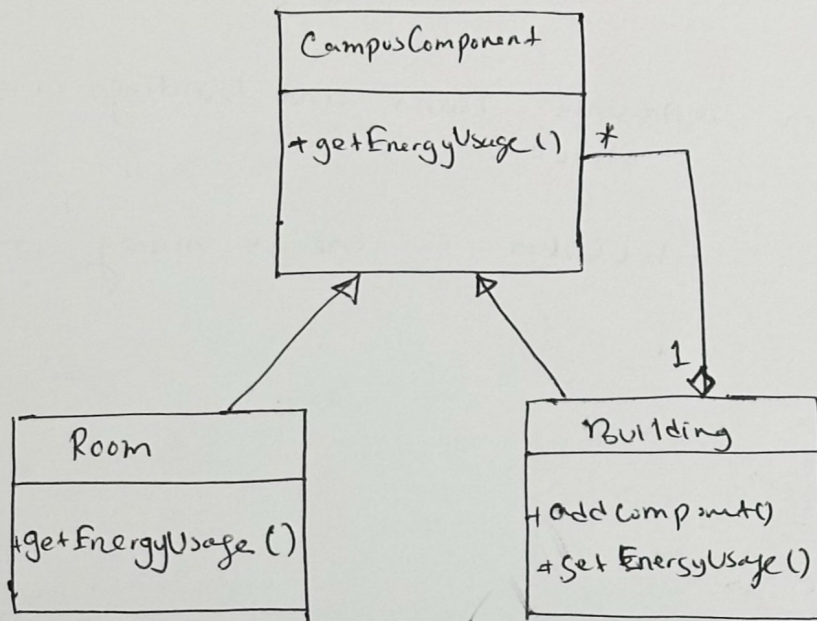
Section B

- (a) (i) Creational pattern - Abstract Factory
(ii) Structural pattern - Composite
(iii) Behavioral pattern - Observer

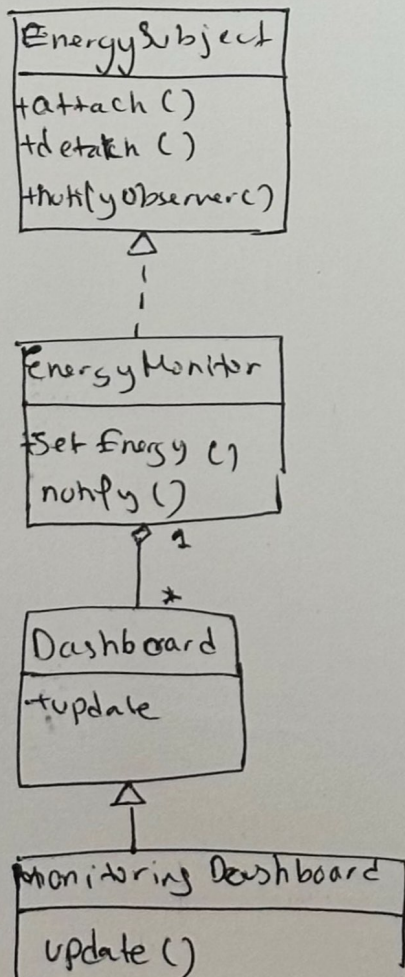
(b) (i) ~~Abstract~~ A Creational pattern.



(ii) Structural pattern.



(iii) Behavioral pattern.



© Abstract factory pattern allows the system to create families of related devices.

Composite pattern represents rooms and buildings in a tree structure.

Observer pattern establishes a one-to-many relationship.