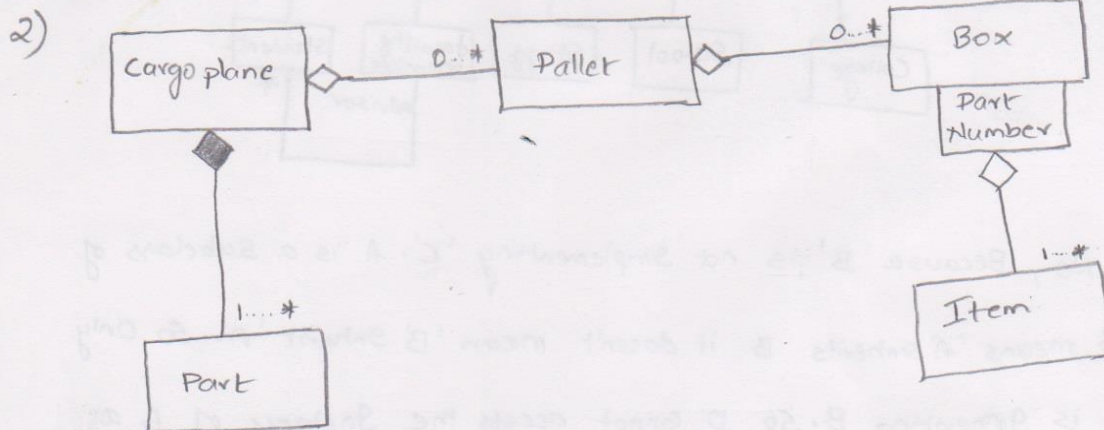
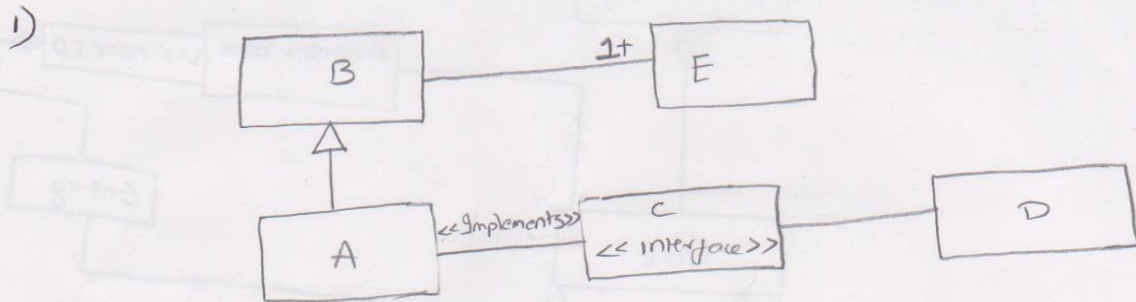
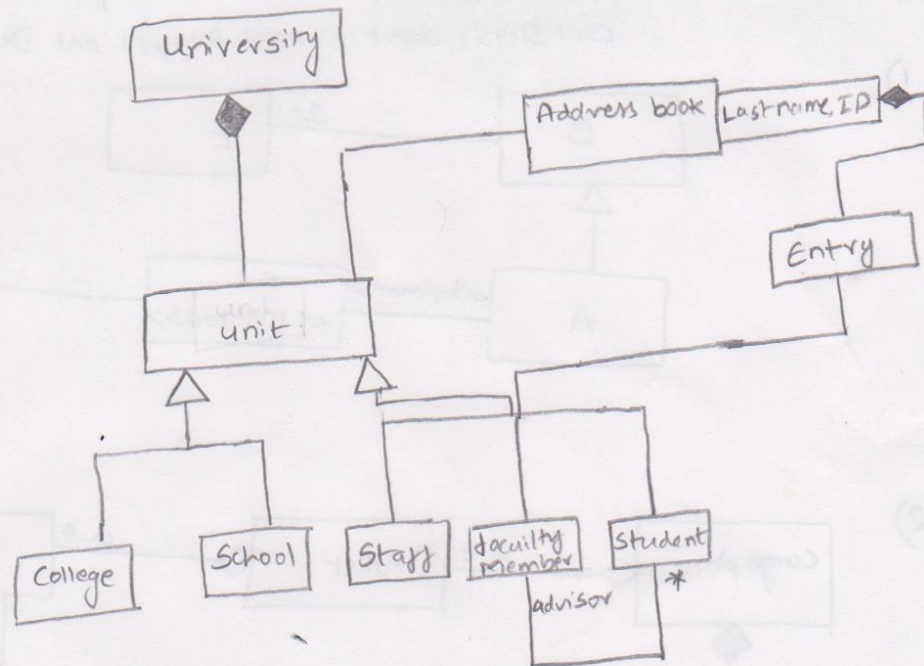


3/11/15

Home work -2 Dheeraj Chinni Ranga.
CSCI 5448 | Object Oriented Analysis and Design.



③



④ No, Because 'B' is not implementing 'C'. A is a subclass of B means 'A' inherits B it doesn't mean 'B' inherits 'A'. So Only A is implementing B. So D cannot access the Instance of B as Instance of 'C'.

⑤ This violates 'design by contract' where Square is not returning the get area of the Shape when get area is called.

If the getarea() doesn't return the area it is violating the definition given in the abstraction class shape.