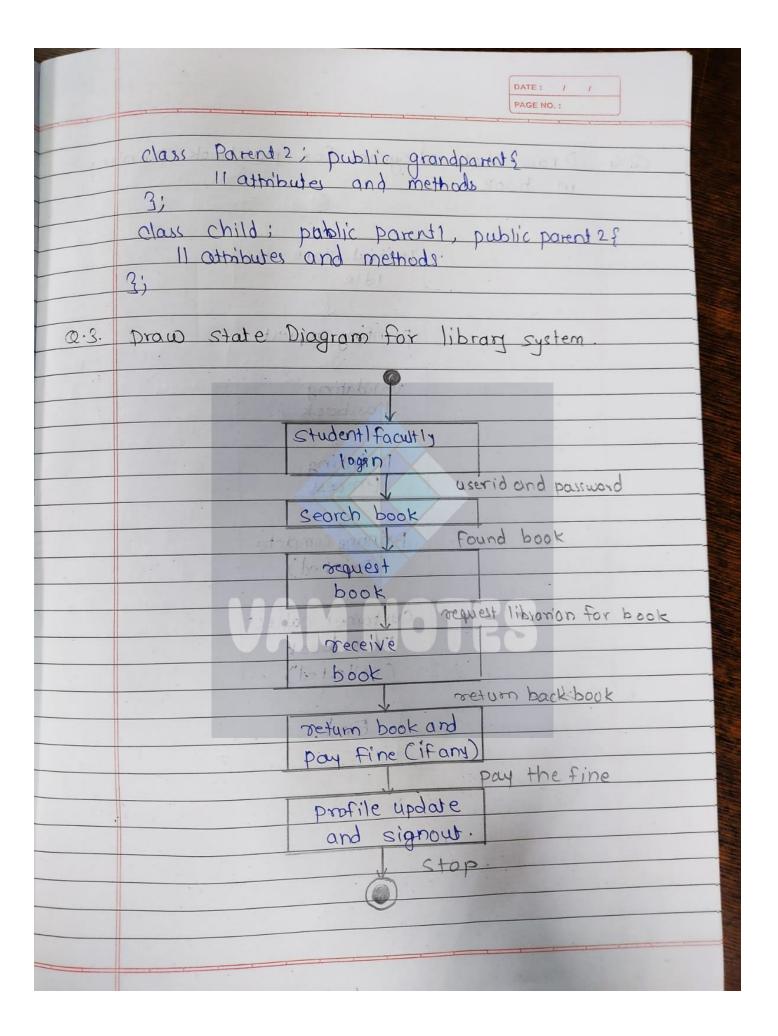
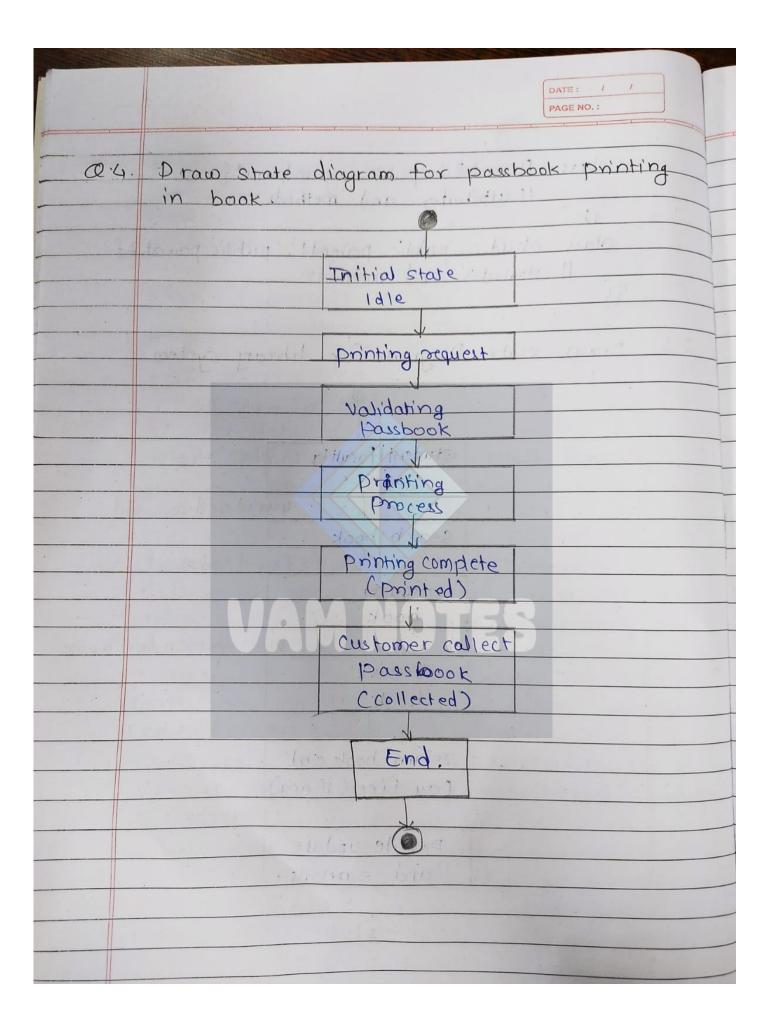


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languages like Ctt support pure multiple inhemitance		clo
inhemitance.		3
Example-		Ol.
Campie		
clas Parent18		3;
?: Il attributes and methods.	Q·3.	D.,
class Parnt 2 {	٧٠.٥٠	Dr
It also used and analysis		
2;		
class child: public Parent1, public Parent2 &		
1 attribule and methods		
Diamond (or Readly Diamond Inheritance):		
· Diamond inhenitance occurs when a subclass		
inherits from two or more classes that have		
O common base class.		
. Thes can lead to ambiguity and conflicts		
when the subclass tried to access member from the common base class.		
· language like (++ have mechanisms to		
resolve these conflicts, such as virtual inheritance		
Example-		
clais grandparents		
Il attributes and methods		
Control 3) with any of the bound of the second of the seco		
class Parent 1: public grandparent of	1	
11 attributes and methods		
5)		
	1	
		TO THE





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(0.5)	state algorian explain the state in	
10.00	developing state diagram?	
	An state diagram is a graphical representation	
100	Wed in software engineering and systems	
901	An state diagram is a graphical representation wed in software engineering and systems analysis to model the behavior of a system	
	Colect Over time.	
	Or system can be in and the desiring an object	
17 20	Or system can be in and the transitions between those states in response to events	
Large	or conditions.	
1,00	a molifibation read complete introde 15	
	· Developing a state diagram involves source	
	Several steps:	
	a standard and a	
n12 9	1 Tidentify States:	
340	. Identify the distinct states that the object	
vol 1	for system can be in states should be defined	
	based on the behavior and characteristics of	
1.94	the object or system	of the same
	Define events:	
,	Determine the events or conditions that	the state of
-11-1	triager transitions between States Events should	
4-13-4	represent meaniaful to actions or changes	
hainel	represent meanigful to actions or changes that affect the object's behavior.	
	en feedback and analysis.	
	3 Map Transitions:	
	Establish the transitions between states	
	hased on the identified events. Describe how	
	the object or system responds to each event	100
	by transitioning to a new state.	

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	Define the Actions or behaviours associated with each transition. What should happen when the transition occure? Specify any changes to attributes or interactions with other objects.  The necessary, include quand conditions that restrict the occurance of transitions based on specific criteria. These conditions may include aftribute values or other factors.
	O Draw the diagram:  Use appropriate notation to draw the state diagram, including rounded rectangles for states, arrows for transitions, and labels for events and actions. Make to arrange the diagram in a clear and logical manner.
h lunds	Review and Refine  Review the state diagram to ensure it accuracy captures the desired behavior of the abject or system. Make any necessary adjustments or refinement based on feedback and analysis.

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We're interested in providing notes and assignments for free because college is more than just about submissions! :D Thank you for all your support!

Our repo - https://github.com/VAMNotes/VAMNotes (please star and share) Our telegram - https://t.me/+Qva7WM1UEdc2YzNI

