

CSE 471 Final Exam

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Section : 08

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$$(3E + Q + 2D + 0.8F) = 9512 \text{ bits/sec}$$

$$SOL =$$

$$(VII \times 10^6) + 200 = 9512 \text{ bits/sec}$$

$$SS \cdot PLS =$$

$$748 \times 55 \cdot PLS = \text{variable slot length}$$

$$PF \cdot SECPEL =$$

$$1000 \text{ ms} / 100 = 10 \text{ ms}$$

$$SI \times P = 200 \text{ B}$$

$$MOM \cdot BP =$$

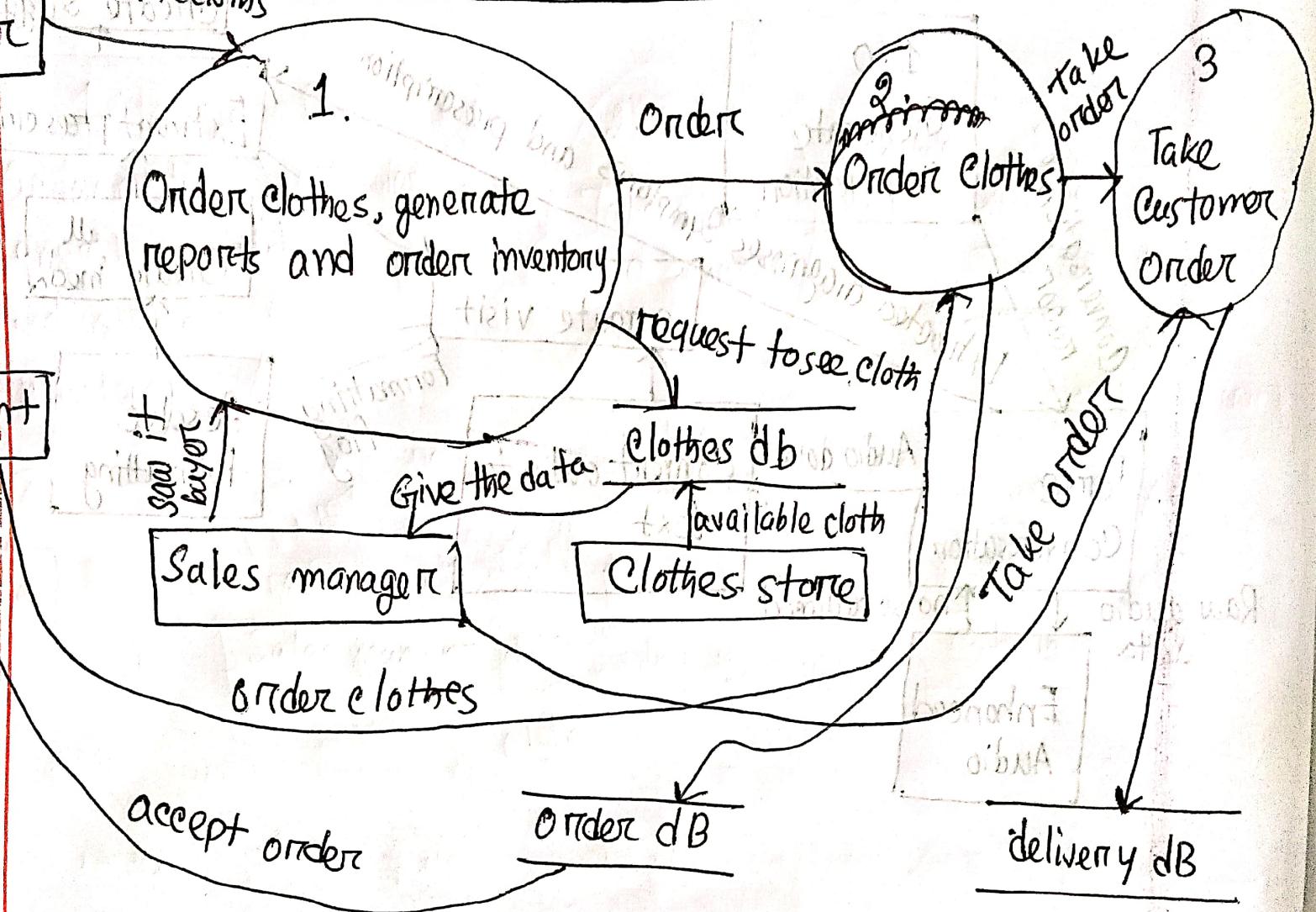
$$F \cdot 10^6 + (S \cdot P \cdot S \times P \cdot 301 \times 3P) = \text{variable slot length}$$

$$3P \cdot SECPEL =$$

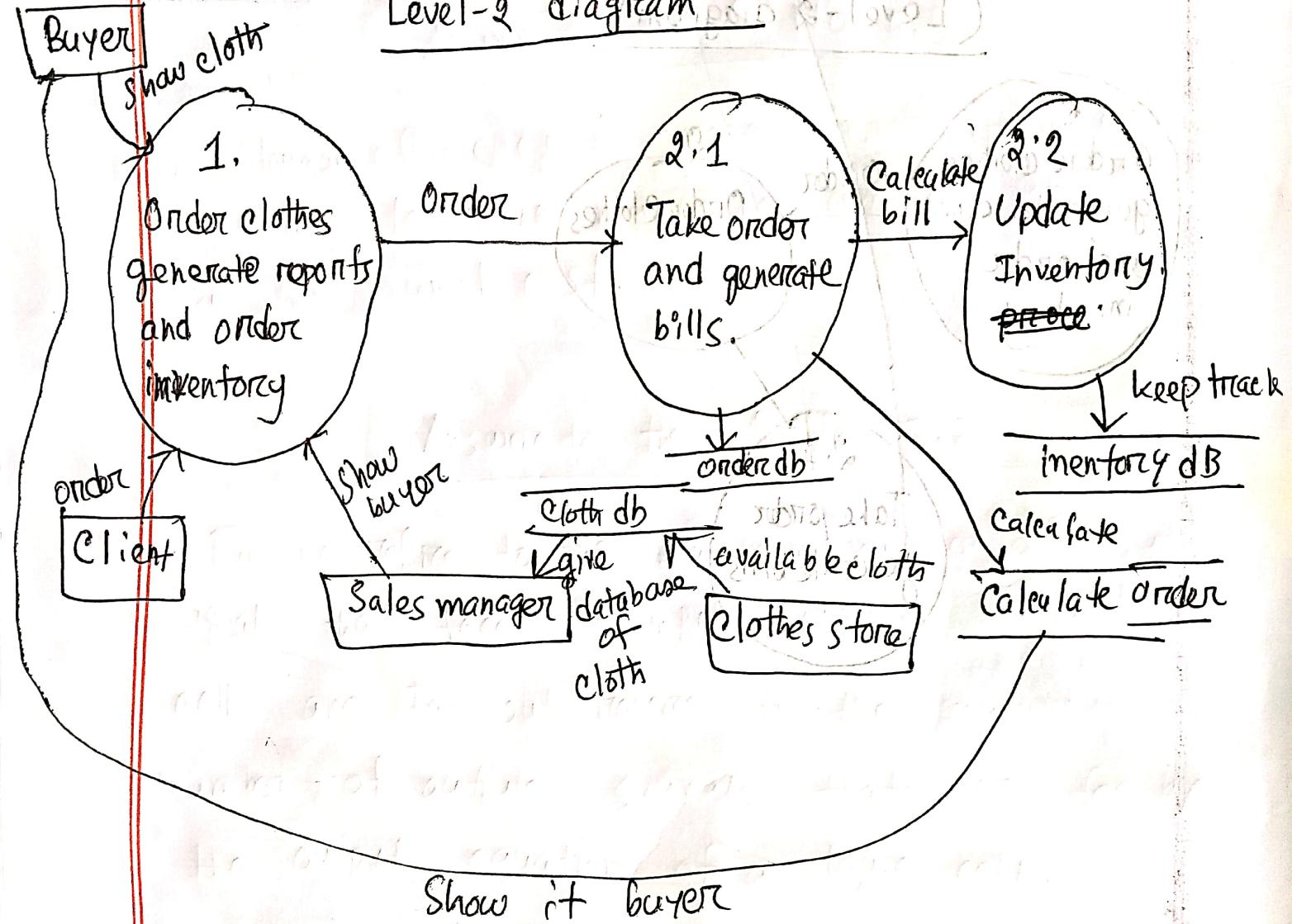
(24)

Answer to the Q. No 1 (Level-1 diagram)

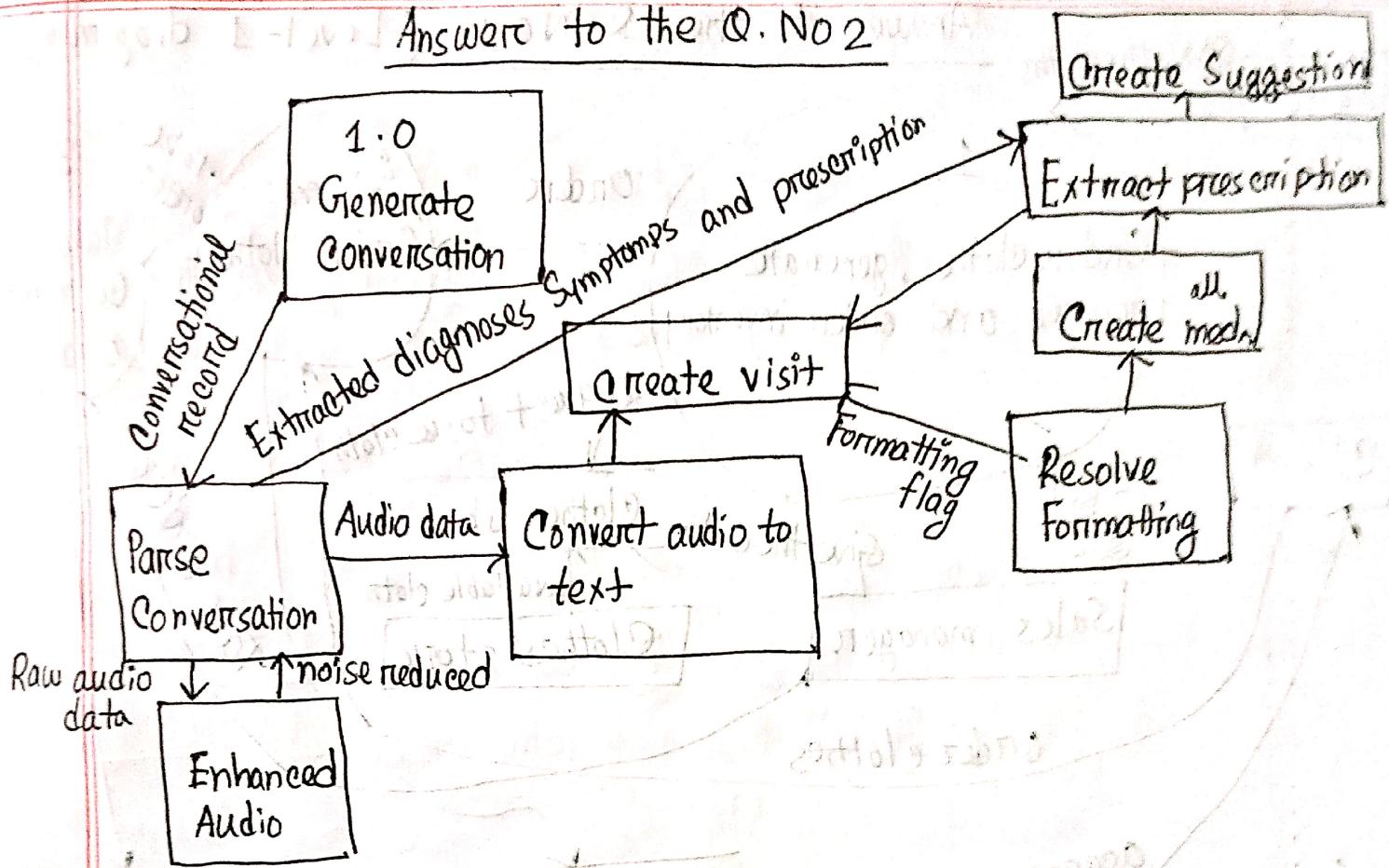
Show the clothes

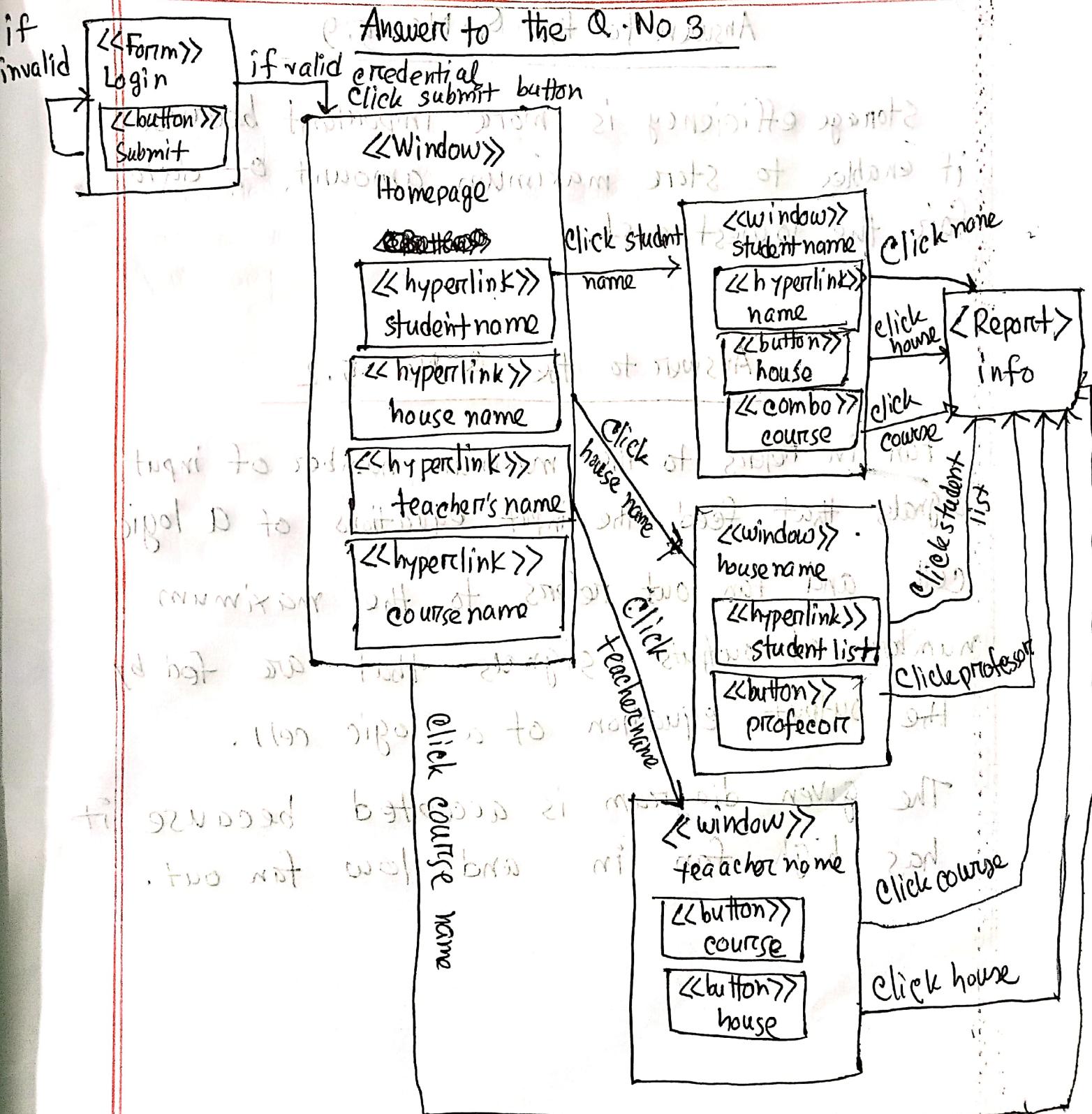


Level-2 diagram



Answers to the Q. No 2





Answer to the Q. No 4

Given, id = 7

name = 60

mobile = 58

email = 39

address = 38

overhead = 11%.

$$\therefore \text{Record size} = (7 + 60 + 58 + 39 + 38) \\ = 202$$

$$\therefore \text{Total record size} = 202 + (202 \times 11\%) \\ = 224.22$$

$$\therefore \text{Initial table volume} = 224.22 \times 867 \\ = 194398.74$$

Growth rate = 1064 per month

$$4 \text{ years} = 4 \times 12 \\ = 48 \text{ months}$$

$$\therefore \text{Table volume} = (48 \times 1064 \times 224.22) + 194398.74 \\ = 11645762.58 \\ (\text{Ans})$$

Answer to the Q. No 5.9

Storage efficiency is more important because it enables to store maximum amount of data for the lowest cost.

Answer to the Q. No 5.2

Fan in refers to the maximum number of input signals that feed the input equations of a logic cell, and fan out refers to the maximum number of outputs signals that are fed by the output equation of a logic cell.

The given diagram is accepted because it has high fan in and low fan out.

Answer to the Q.No 5.8

For Brach use scenarios ~~are~~ should be present in a simple narrative description that is tied to DFD