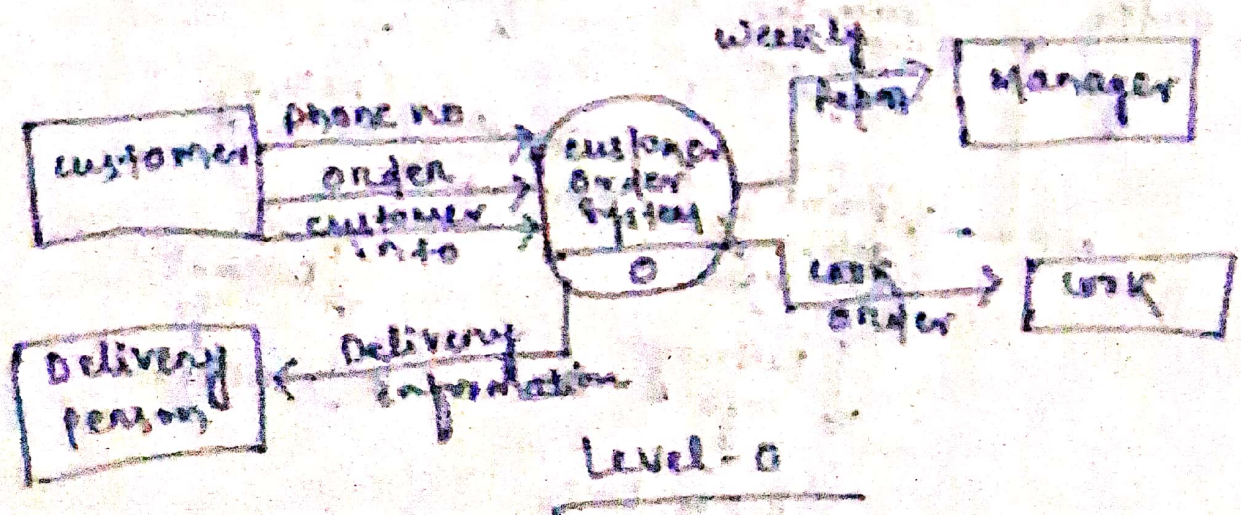
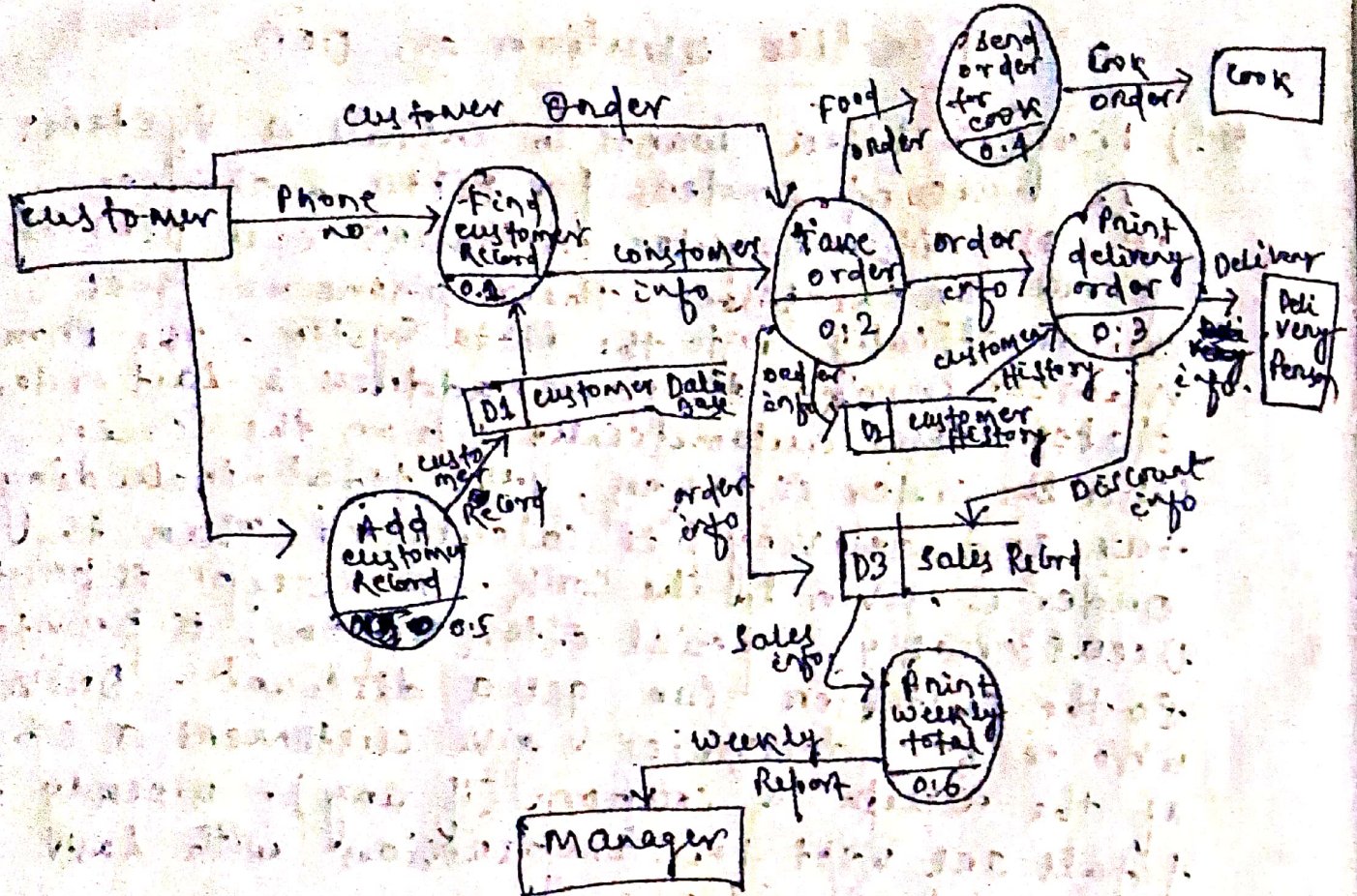


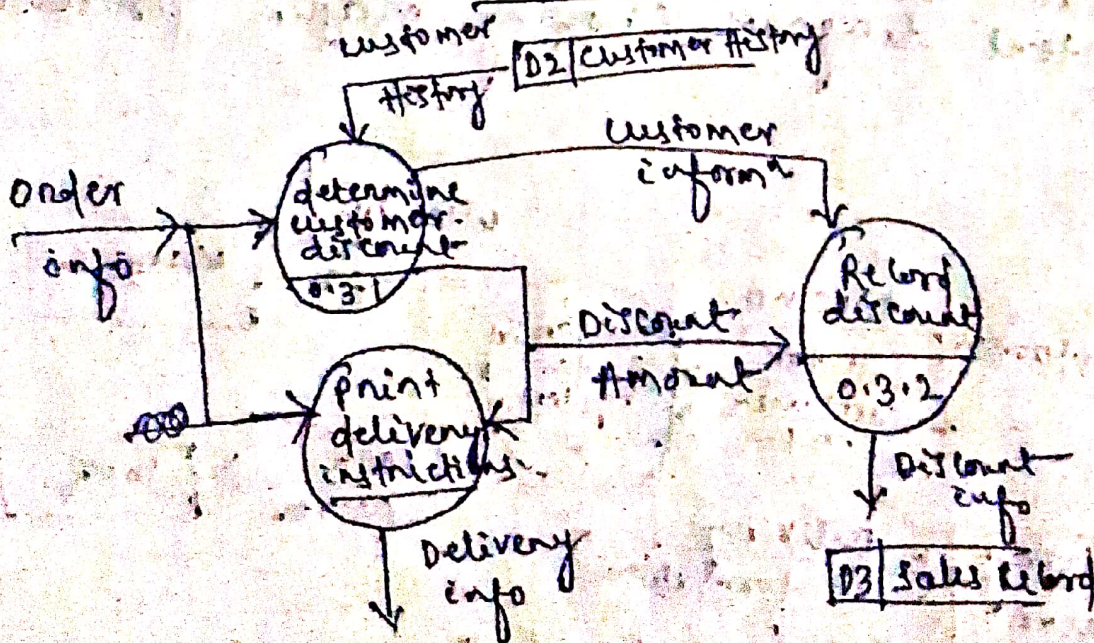
Practice question on DFD.

- 01) Perfect Pizza wants to install a system to record orders for pizza & chicken wings. When regular customers call perfect pizza on the phone, their phone no. goes automatically into the Pizza System. The phone number invokes the name, address & last order dates comes automatically up on the screen. Once the order is taken, the total, including tax and delivery, is calculated. Then the order is given to the cook. A receipt is printed occasionally, special offer (coupons) is printed so the customer can get a discount. Drivers who make deliveries give customers a copy of the receipt & coupon (if any). Weekly totals are kept for comparison with last year's performance. Draw the context diagram. Explore context diagram showing major processes.





Level-1



Level-2

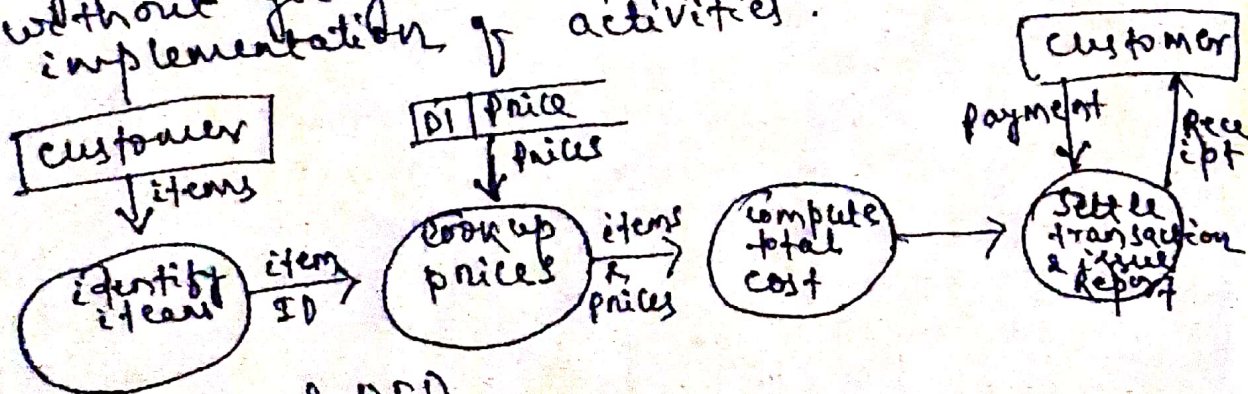
Q. Why should you develop both logical & physical DFDs for a system? What advantages is there for drawing a logical DFD before a physical DFD for a new information system?

- * Physical DFD helps in better understanding the people and/or ~~customer~~ computer systems that are used in overall system's processing.
- * Logical DFD helps in better understand the essence of the system regardless of actual physical form.
- * ~~Logical DFD~~ The DFD for physical system can be constructed with the DFD for logical system as a guide.

ex ~~process~~ Grocery System

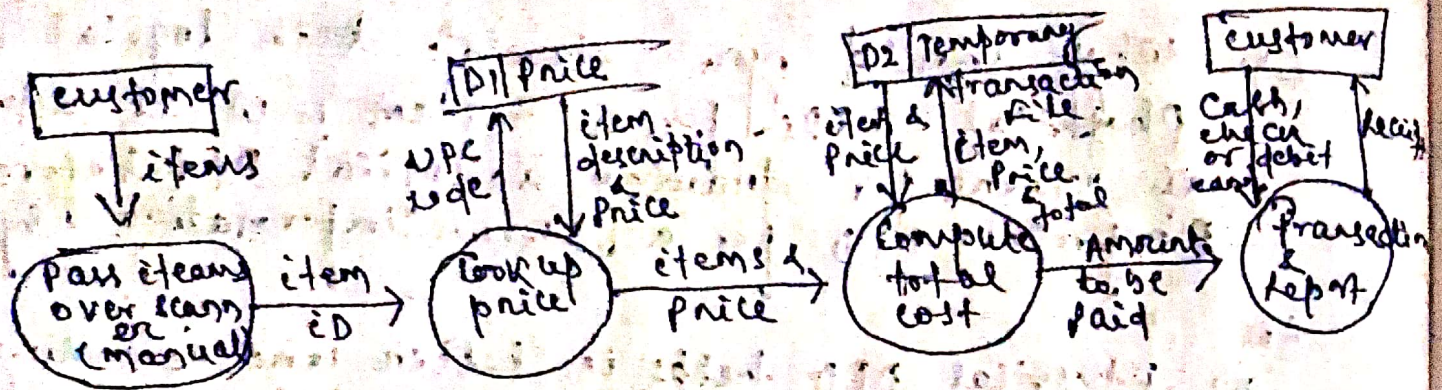
- customer brings the items to the Register
- Prices for all items are looked up & then totaled
- Next, payment is given to the Cashier,
- Finally, the customer is given a receipt

Logical DFD
 Logical DFD illustrates the processes involved without going into detailed about physical implementation of activities.



Physical DFD

- * Physical DFD shows a bar code on most grocery items
- * In addition, the physical DFD mentions manual processing such as scanning, ...
- * The Payment made by cash, check or debit card.



- * A DFD that shows the movement of information is called logical DFD.
- * A DFD that shows the movement of physical stuff (such as merchandise) is called a physical DFD.
- * The logical DFD is the most common type of DFD.