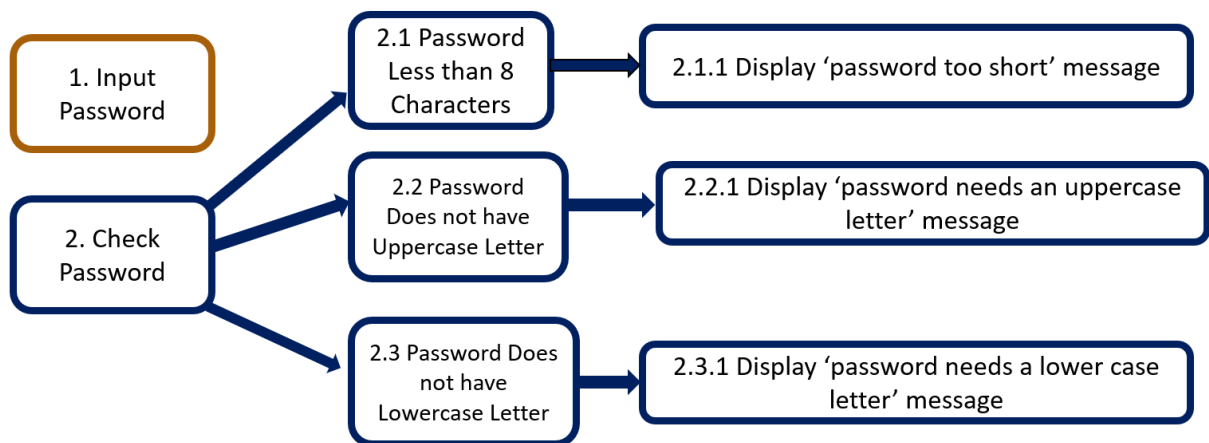


4.1 Class Tasks – Suggested Answers

Class Task 1.1 – Decomposition Example

- You are required to design a login system for a computer program. You need to check the Password input.
- The password must be a minimum of 8 letters and contain Upper- and Lower-case letters.
- If this is not the case, you must display an error message telling the user what has gone wrong.
- **Time Allowed: 10 minutes**

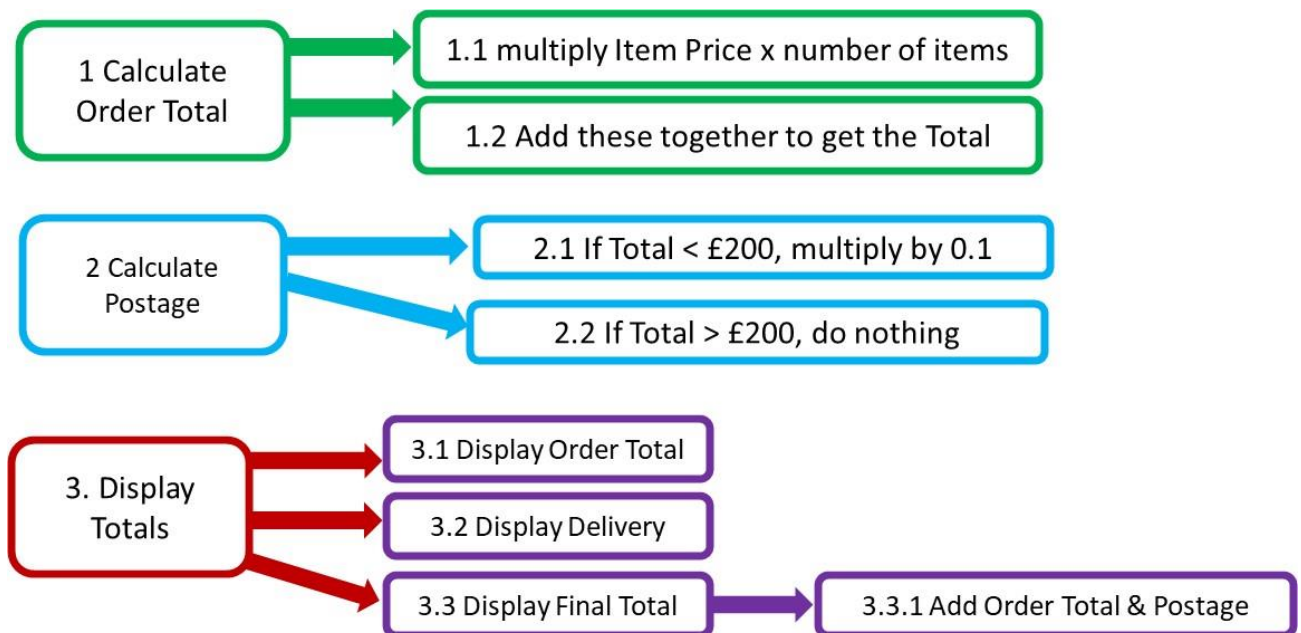
Answer:



Class Task 1.2 – Decomposition Example

- You are designing a Billing System for an online eCommerce platform to calculate delivery charges.
- If a user orders more than £200 of goods postage is free, if not it's 10% of the order total
- Your program will display the total order as well as any delivery charge
- **Time Allowed: 10 minutes**

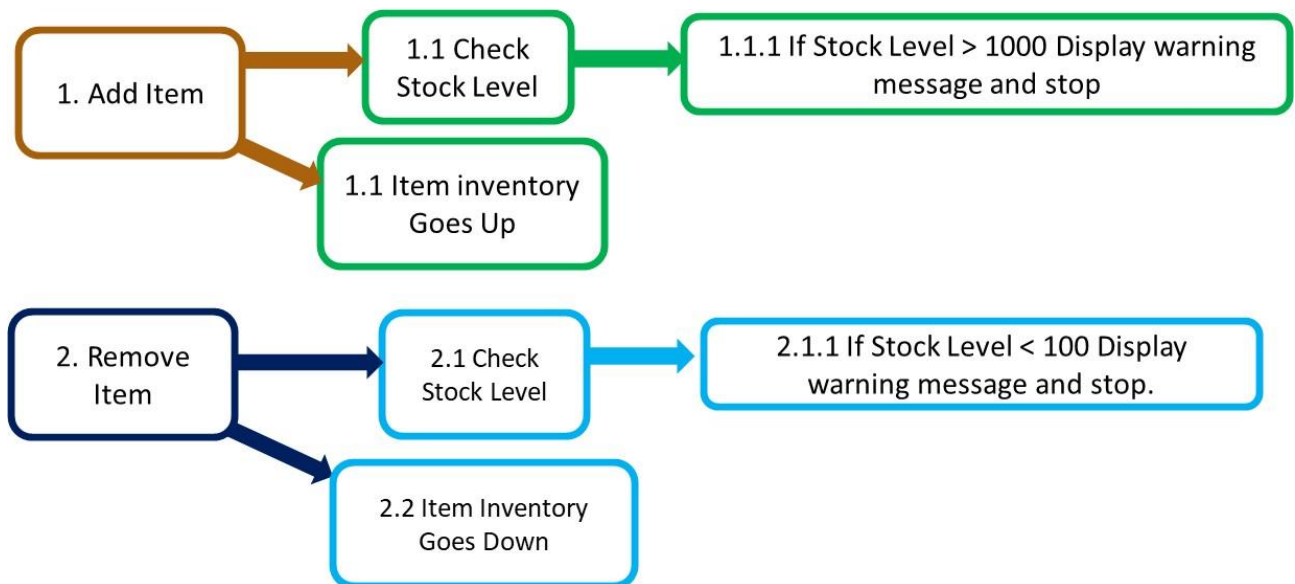
Answer:



Class Task 1.3 – Decomposition Example

- You are designing an Inventory System for a warehouse to track stock levels.
- Users can Add or Remove stock items.
- If the stock exceeds 1000 Units or drops below 100 Units a message is shown, and the operation **DOES NOT HAPPEN**
- **Time Allowed: 10 minutes**

Answer:



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