**ALGORITHM**

1. **calculate\_total(name, orders)**:
   * This helps calculate the total charges, discount, and discounted total for a given set of orders.
   * It takes the customer's name and a dictionary of orders as input.
   * It defines dictionary **“prices”** containing the prices of various menu items.
   * It iterates through the orders, multiplying the price of each item by its quantity and summing them up to calculate the total.
   * Based on the total amount, it applies different discount rates (0%, 10%, 15%, or 25%) accordingly.
   * Finally, it returns the total charges, discount amount, and discounted total.
2. **take\_order()**:
   * This function creates a new window using **Toplevel()** for taking customer orders.
   * It displays input fields for the customer's name and checkboxes for selecting menu items and their quantities.
   * When the customer confirms the order, it extracts the name and selected items with their quantities.
   * If at least one item is selected, it calculates the total charges, discount, and discounted total using **calculate\_total()** and shows a summary message box with this information.
   * If no items are selected, it flags an error.