Program 4: Order Amount Calculation using Class, Methods, Loop and Condition

```python
class Order:

    def __init__(self):
        self.total = 0

    # Method to calculate item total using loop
    def calculate_items(self):
        n = int(input("Enter number of items: "))

        for i in range(n):   # Loop statement
            price = float(input(f"Enter price of item {i+1}: "))
            quantity = int(input(f"Enter quantity of item {i+1}: "))
            self.total += price * quantity   # Operator *

    # Method to apply discount
    def apply_discount(self):
        customer_type = input("Customer type (Regular/Premium/New): ").lower()

        if customer_type == "premium":          # Conditional
            discount = self.total * 0.10
        elif customer_type == "regular":
            discount = self.total * 0.05
        else:
            discount = self.total * 0.02

        self.total -= discount   # Operator -=
        print("Discount Applied:", discount)

    # Method to add delivery charge
    def add_distance_charge(self):
        distance = float(input("Enter delivery distance (km): "))

        if distance <= 5:
            charge = 20
        elif distance <= 10:
            charge = 40
        else:
            charge = 60

        self.total += charge
        print("Distance Charge:", charge)

    # Method to add payment charge
    def add_payment_charge(self):
        payment_mode = input("Payment mode (UPI/Credit/COD): ").lower()

        if payment_mode == "credit":
            charge = self.total * 0.02
        elif payment_mode == "cod":
            charge = 30
        else:
            charge = 0

        self.total += charge
        print("Payment Charge:", charge)

    # Final method
    def display_total(self):
        print("\n----- FINAL BILL -----")
        print("Total Amount:", self.total)


# Create object
order1 = Order()

# Calling methods
order1.calculate_items()
order1.apply_discount()
order1.add_distance_charge()
order1.add_payment_charge()
order1.display_total()
```