Simple Methods (No Parameters, No Return)

1. Print Welcome Message

Scenario: Print a standard welcome message for a shop's console application.

Method: `printWelcome()`

Example Output:

```
Welcome to Sunny Mart!
```

---

2. Show Today's Special

Scenario: Display the restaurant's daily special stored inside the method.

Method: `showTodaysSpecial()`

Example Output:

```
Today's Special: Paneer Butter Masala
```


---

3. Print Contact Info

Scenario: Print company contact details (phone & email) hardcoded inside the method.

Method: `printContactInfo()`

Example Output:

```
Company: QuickFix Ltd.
Phone: 999-888-7777
Email: support@quickfix.com
```

---

4. Display Menu

Scenario: Show a fixed menu list for a coffee shop.

Method: `displayMenu()`

Example Output:

```
1. Espresso
2. Latte
3. Cappuccino
```

---

5. Print Receipt Header

Scenario: Print a receipt header (store name, date placeholder) before adding items.

Method: `printReceiptHeader()`

Example Output:

```
--- Sunny Mart Receipt ---
```

---

6. Announce Store Timings

Scenario: Print weekly store timings (same every day) from the method.

Method: `announceTimings()`

Example Output:

```
Open daily: 9:00 AM - 9:00 PM
```

---

by Kunal Sir

Parameterized Methods (With Parameters, No Return)

1. Greet Customer

Task: Print a greeting using the customer's name.

Method: `greetCustomer(String name)`

Sample Input:

```
Asha
```

Sample Output:

```
Hello, Asha! Welcome!
```

2. Print Item Price

Task: Print the item name and price.

Method: `printPrice(String itemName, double price)`

Sample Input:

```
Item: Notebook
Price: 49.5
```

Sample Output:

```
Item Name: Notebook
Price: ₹49.5
```

3. Show Ride Details

Task: Print pickup and drop locations.

Method: `showRideDetails(String pickup, String drop)`

Sample Input:

```
Pickup: Home
Drop: Airport
```

Sample Output:

```
Ride Details:
Pickup Location: Home
Drop Location: Airport
```

---

4. Print Student Marks

Task: Print student name and marks.

Method: `printMarks(String studentName, int marks)`

Sample Input:

```
Name: Rahul
Marks: 78
```

Sample Output:

```
Student Name: Rahul
Marks Obtained: 78
```

---

5. Display Product Info

Task: Print product name and quantity.

Method: `displayProductInfo(String product, int quantity)`

Sample Input:

```
Product: Pen
Quantity: 25
```

Sample Output:

```
Product: Pen
Available Quantity: 25
```

---

6. Show Book Details

Task: Print book title and author.

Method: `showBookDetails(String title, String author)`

Sample Input:

```
Title: Java Basics
Author: Kunal Kushwaha
```

Sample Output:

```
Book Title: Java Basics
Author: Kunal Kushwaha
```

Return-Type Methods (No Parameters, Returns Value)

1. Get Store Name

Task: Return the store name.

Method: `String getStoreName()`

Sample Output (Returned Value):

```
Sunrise Groceries
```

---

2. Get Maximum Discount Percent

Task: Return maximum discount allowed.

Method: `int getMaxDiscountPercent()`

Sample Output (Returned Value):

```
20
```

---

3. Get Opening Hour

Task: Return shop opening hour in 24-hour format.

Method: `int getOpeningHour()`

Sample Output (Returned Value):

```
9
```

---

4. Get Delivery Charge

Task: Return fixed delivery charge.

Method: `double getDeliveryCharge()`

Sample Output (Returned Value):

```
49.0
```

---

5. Get Default Currency Code

Task: Return default currency.

Method: `String getDefaultCurrency()`

Sample Output (Returned Value):

```
INR
```

---

6. Get Owner Name

Task: Return store owner's name.

Method: `String getOwnerName()`

Sample Output (Returned Value):

```
Rohan Verma
```

---

by Kunal Sir

Parameterized With Return-Type Methods

1. Calculate Area of Rectangle

Task: Return rectangle area using length × width.

Method: `double calculateArea(double length, double width)`

Sample Input:

```
Length: 5
Width: 3
```

Sample Output (Returned Value):

```
15.0
```

2. Calculate Total Fare

Task: Return fare using distance × rate.

Method: `double calculateFare(double distance, double rate)`

Sample Input:

```
Distance: 12
Rate: 10
```

Sample Output:

```
120.0
```

3. Convert Fahrenheit to Celsius

Formula: `(fahrenheit - 32) * 5 / 9`

Method: `double convertToCelsius(double fahrenheit)`

Sample Input:

```
Fahrenheit: 98.6
```

Sample Output:

```
37.0
```

---

4. Apply Discount (Simple Math Only)

Formula: `final = price - (price * percent / 100)`

Method: `double applyDiscount(double price, double percent)`

Sample Input:

```
Price: 1000
Discount: 10
```

Sample Output:

```
900.0
```

---

5. Calculate Total Salary

Task: Return total salary by adding basic + bonus.

Method: `double calculateTotalSalary(double basic, double bonus)`

Sample Input:

```
Basic: 30000
Bonus: 5000
```

Sample Output:

```
35000.0
```

---

6. Add Two Numbers

Task: Return sum of two numbers.

Method: `int addNumbers(int a, int b)`

Sample Input:

```
a = 7
b = 8
```

Sample Output:

```
15
```
