Question 1: Car Showroom System

Task: Design a class `Car` that prints car details. You should create a method that takes:

- **Showroom name**
- **Car model**
- **Price**

All values should be passed directly to the method.

Requirements:

- Class name: `Car`
- Method: `displayDetails(String showroomName, String modelName, int price)`
- In `main()`, create a `Car` object and call this method twice with different data.

Expected Output:

```
Showroom Name : Elite Motors
Car Model : Tesla Model S
Car Price : 80000
-------------------------
Showroom Name : Elite Motors
Car Model : BMW X5
Car Price : 75000
-------------------------
```

Question 2: Library Book Records

Task: Create a class `Book` with a method to print:

- **Library name**
- **Book title**
- **Author**

All data should be passed as method parameters.

Requirements:

- Class name: `Book`
- Method: `displayInfo(String libraryName, String title, String author)`
- In `main()`, create one object and call this method twice.

Expected Output:

```
Library Name : City Public Library
Book Title : The Great Gatsby
Book Author : F. Scott Fitzgerald
-------------------------
Library Name : City Public Library
Book Title : 1984
Book Author : George Orwell
-------------------------
```

Question 3: Mobile Store System

Task: Design a class `Mobile` that prints mobile details using method parameters for:

- **Store name**
- **Mobile brand**
- **Price**

Requirements:

- Class: `Mobile`
- Method: `showDetails(String storeName, String brand, int price)`
- Use one object to call the method twice with different data.

Expected Output:

```
Store Name : Tech World
Mobile Brand : Apple
Mobile Price : 1200
-------------------------
Store Name : Tech World
Mobile Brand : Samsung
Mobile Price : 900
-------------------------
```

Question 4: Hospital Patient Management

Task: Write a class `Patient` that displays patient records using a method that accepts:

- **Hospital name**
- **Patient name**
- **Age**

Requirements:

- Class: `Patient`
- Method: `printDetails(String hospitalName, String patientName, int age)`
- Use one object and call the method with two different sets of data.

Expected Output:

```
Hospital Name : City Care Hospital
Patient Name : John Doe
Patient Age : 45
-------------------------
Hospital Name : City Care Hospital
Patient Name : Emma Watson
Patient Age : 30
-------------------------
```

Question 5: University Faculty Records

Task: Create a class `Faculty` with a method that prints details of:

- **University name**
- **Faculty name**
- **Department**

Pass all values via method parameters.

Requirements:

- Class: `Faculty`
- Method: `showFacultyDetails(String universityName, String facultyName, String department)`
- Use one object, call the method twice with different faculty data.

Expected Output:

```
University Name : Stanford University
Faculty Name : Dr. Robert Brown
Department : Computer Science
-------------------------
University Name : Stanford University
Faculty Name : Dr. Lisa Green
Department : Physics
-------------------------
```

Question 6: Restaurant Order System

Task: Design a class `Order` that returns the order details as a formatted string.

Method Details:

- Accept restaurant name, food item, and quantity
- Return a formatted string of order info

Requirements:

- Class: `Order`
- Method: `String getOrderDetails(String restaurantName, String foodItem, int quantity)`
- In `main()`, create one object and call the method twice.
- Print the result each time.

Expected Output:

```
Restaurant Name : Spice Garden
Food Item : Paneer Butter Masala
Quantity : 2
-------------------------
Restaurant Name : Spice Garden
Food Item : Chicken Biryani
Quantity : 1
-------------------------
```

Question 7: Movie Ticket Booking System

Task: Design a class `Ticket` that returns movie ticket details.

Method Details:

- Accept theater name, movie name, and seat number
- Return ticket info as a string

Requirements:

- Class: `Ticket`
- Method: `String getTicketInfo(String theaterName, String movieName, String seatNo)`
- Create one object and call the method twice with different details.
- Print the return values.

Expected Output:

```
Theater Name : Galaxy Cinemas
Movie Name : Interstellar
Seat No : A10
-------------------------
Theater Name : Galaxy Cinemas
Movie Name : Inception
Seat No : B12
-------------------------
```

Question 8: Online Course Enrollment System

Task: Create a class `Enrollment` that returns course enrollment details as a string.

Method Details:

- Accept platform name, course name, and student name
- Return the enrollment information

Requirements:

- Class: `Enrollment`
- Method: `String getEnrollmentInfo(String platform, String course, String student)`
- In `main()`, create the object and call the method twice with different data.

Expected Output:

```
Platform : Udemy
Course : Java Programming
Student : Alice
-------------------------
Platform : Udemy
Course : Web Development
Student : Bob
-------------------------
```

Question 9: Travel Booking System

Task: Create a class `Travel` that returns booking details of a trip.

Method Details:

- Accept agency name, destination, and number of travelers
- Return all travel details as a string

Requirements:

- Class: `Travel`
- Method: `String getBookingDetails(String agency, String destination, int travellers)`
- Create an object and call it twice.

Expected Output:

```
Agency : Wanderlust Travels
Destination : Paris
Travellers : 2
-------------------------
Agency : Wanderlust Travels
Destination : Tokyo
Travellers : 3
-------------------------
```

Question 10: Hotel Reservation System

Task: Create a class `Reservation` to return hotel booking information.

Method Details:

- Accept hotel name, guest name, and number of nights
- Return the reservation summary as a string

Requirements:

- Class: `Reservation`
- Method: `String getReservationDetails(String hotelName, String guestName, int nights)`
- Create an object, call method twice, print each result.

Expected Output:

```
Hotel Name : Grand Palace
Guest Name : David
Nights : 3
-------------------------
Hotel Name : Grand Palace
Guest Name : Maria
Nights : 2
-------------------------
```