Problem 1: Define a structure Teacher with name, initials, subject, experience, and total number of classes per week. Calculate the average number of classes per day.

Sample Input	Sample Output
Name: Alice	Name: Alice
Initials: A.L.	Initials: A.L.
Subject: Mathematics	Subject: Mathematics
Experience: 5 years	Experience: 5 years
Classes Per Week: 20	Avg Classes Per Day: 4.00

Problem 2: Define a structure BankAccount with account number, holder name, balance, and interest rate. Calculate and display the total balance after adding yearly interest.

Sample Input	Sample Output
Account Number: 12345	Account Number: 12345
Holder Name: John Doe	Holder Name: John Doe
Balance: 2500.75	Balance with Interest: $2625.79
Interest Rate: 5%	

Problem 3: Define a structure Movie with title, director, rating, and release year. Display the highest-rated movie released after the year 2000.

Sample Input	Sample Output
Title: Inception	Best Movie: Inception
Director: Nolan	Rating: 8.8
Rating: 8.8	Year: 2010
Year: 2010	
Title: Titanic	
Director: Cameron	
Rating: 9.2	
Year: 1997	

Problem 4: Define a structure Book with title, author, price, and the number of copies sold. Calculate and display the total revenue generated by each book.

Sample Input	Sample Output
Title: C Programming	C Programming Revenue: $29999.00
Author: Dennis Ritchie	Python Basics Revenue: $19950.00
Price: 299.99	
Copies Sold: 100	
Title: Python Basics	
Author: Guido	
Price: 199.50	
Copies Sold: 100	

Problem 5: Define a structure Marks with subject names, scores, and maximum possible scores for each subject. Calculate and display the percentage for 3 subjects.

Sample Input	Sample Output
Subject 1: Math, 90, 100	Percentage: 90.00%
Subject 2: Physics, 85, 100	
Subject 3: Chemistry, 80, 100	

Problem 6: Define a structure Weather with day, temperature, and humidity. Identify and display the day with the lowest humidity.

Sample Input	Sample Output
Day 1: Monday, 30, 60	Day with Lowest Humidity: Tuesday
Day 2: Tuesday, 28, 40	Temperature: 28
Day 3: Wednesday, 32, 50	Humidity: 40

Problem 7: Define a structure Product with name, price, quantity, and discount percentage. Calculate and display the total cost after applying the discount for each product.

Sample Input	Sample Output
Product 1: Laptop, 1000, 2, 10%	Laptop Total: $1800.00
Product 2: Phone, 600, 1, 5%	Phone Total: $570.00
Product 3: Headphones, 50, 4, 20%	Headphones Total: $160.00

Problem 8: Define a structure Student with name, roll number, and marks in 5 subjects. Calculate and display the total marks, percentage, and the highest mark.

Sample Input	Sample Output
Name: Bob	Name: Bob
Roll: 101	Roll: 101
Marks: 85, 90, 95, 88, 92	Total: 450
	Percentage: 90.00%
	Highest Mark: 95

Problem 9: Define a structure Employee with name, ID, salary, and bonuses. Calculate and display the total compensation for each employee and identify the one with the highest total compensation.

Sample Input	Sample Output
Name: John, ID: 1001, 50000, 2000	Total Compensation: $52000
Name: Alice, ID: 1002, 60000, 5000	Highest Compensation: Alice, $65000
Name: Bob, ID: 1003, 45000, 1000	

Problem 10: Define a structure Circle with radius, circumference, and area. Take input for the radius of 3 circles and display the one with the largest area.

Sample Input	Sample Output
Circle 1: Radius: 5	Largest Circle: Circle 3
Circle 2: Radius: 7	Area: 153.94
Circle 3: Radius: 10	