**1. Basic Python Concepts**

* **Question 1**: Write a Python program to check if a number is positive, negative, or zero.
* **Question 2**: Write a Python function that takes a list and returns a new list with unique elements of the first list.
* **Question 3**: Write a Python program to count the occurrences of each word in a given sentence.

**2. Control Flow and Loops**

* **Question 4**: Write a Python program to print the Fibonacci sequence up to n terms.
* **Question 5**: Write a Python program to find the sum of all even numbers between 1 and 100.
* **Question 6**: Write a Python program to print the following pattern:

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**3. Functions**

* **Question 7**: Write a Python function that takes a string and returns the string in reverse.
* **Question 8**: Write a Python function that calculates the factorial of a number using recursion.
* **Question 9**: Write a Python function to find the GCD (Greatest Common Divisor) of two numbers.

**4. Data Structures**

* **Question 10**: Write a Python program to merge two dictionaries.
* **Question 11**: Write a Python program to find the second largest number in a list.
* **Question 12**: Write a Python program to check if a given key already exists in a dictionary.

**5. File Handling**

* **Question 13**: Write a Python program to read a file line by line and store it into a list.
* **Question 14**: Write a Python program to write a list to a file.
* **Question 15**: Write a Python program to count the number of lines in a text file.

**6. Object-Oriented Programming**

* **Question 16**: Create a class called Rectangle that has attributes for length and width. Write methods to calculate the area and perimeter of the rectangle.
* **Question 17**: Create a class Circle with an attribute radius. Write a method to calculate the area of the circle.
* **Question 18**: Create a class called BankAccount with attributes owner and balance. Write methods to deposit, withdraw, and check the balance.

**7. Advanced Topics**

* **Question 19**: Write a Python program to implement a simple calculator using functions and lambda expressions.
* **Question 20**: Write a Python program to find the intersection of two lists.
* **Question 21**: Write a Python program that sorts a list of tuples based on the second element.

**8. Problem-Solving and Algorithms**

* **Question 22**: Write a Python program to solve the "FizzBuzz" problem: Print numbers from 1 to 100, but for multiples of 3 print "Fizz", for multiples of 5 print "Buzz", and for multiples of both 3 and 5 print "FizzBuzz".
* **Question 23**: Write a Python program to find all prime numbers in a given range.
* **Question 24**: Write a Python program to find the longest common prefix in a list of strings.

These questions should give you a good range of problems to practice your Python skills.