

## Lists

1. **Question:**  
Write a Python program to find all pairs of numbers in the list `[2, 4, 3, 5, 7, 8, 9]` whose sum is equal to `10`.
  2. **Question:**  
Given a list of integers, write a Python program to find the second largest unique number in the list.
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## Tuples

3. **Question:**  
Create a tuple with 10 integers. Write a Python program to find the index of the first occurrence of the maximum element in the tuple.
  4. **Question:**  
Write a Python program to merge two tuples into a dictionary where the first tuple contains keys and the second tuple contains values.
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## Sets

5. **Question:**  
Write a Python program to check if two sets are disjoint (have no elements in common) without using the `isdisjoint()` method.
  6. **Question:**  
Given a set `{10, 20, 30, 40, 50}`, write a Python program to generate all possible subsets of the set.
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## Dictionaries

7. **Question:**  
Write a Python program to sort a dictionary by its values in descending order.
  8. **Question:**  
Given a dictionary `words = {"a": 2, "b": 3, "c": 1, "d": 3}`, write a Python program to group the keys by their values (e.g., keys with the same value should be grouped together).
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## Loops

9. **Question:**

Write a Python program to print the first  $n$  prime numbers using a loop.

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## Functions

10. **Question:**

Write a recursive Python function to find the  $n$ th Fibonacci number