Number Data Type (8 Questions)

1. Create a program that takes a float number as input and rounds it to 2 decimal places.
2. Write a Python file that asks for three numbers and outputs the largest and smallest.
3. Create a program that converts kilometers to meters and centimeters.
4. Write a program that takes two numbers and prints out the result of integer division and the remainder.
5. Make a program that converts a given Celsius temperature to Fahrenheit.
6. Create a program that accepts a number and returns the last digit of that number.
7. Create a program that takes a number and checks if it's even or odd.
8. Create a program that swaps the values of two variables.

String Data Type (18 Questions)

1. Write a program to capitalize each word in a given sentence.
2. Create a program that removes all vowels from a given string.
3. Create a program to reverse a string.
4. Write a program to replace all spaces in a string with underscores.
5. Write a program to check if a given word is a palindrome.
6. Write a program that replaces all occurrences of `"a"` with `"o"` in a given string.
7. Create a program that extracts the username from an email address.
8. Write a program that takes a string and prints it in title case.
9. Write a program to remove the first and last characters of a string.
10. Create a program that checks if a word is present in a sentence.
11. Create a program that finds the position of the first occurrence of a character in a string.
12. Create a program that extracts the last three characters of a string.
13. Write a program that repeats a string a specified number of times.
14. Write a program that takes a sentence and prints each word on a new line.
15. Create a program to print only the letters that appear at even positions in a string.
16. Create a program that formats a string to look like `Title: <String>`
17. Create a program that takes a sentence and prints it in reverse order.
18. Create a program to find the difference in length between two strings.

Boolean Data Type (8 Questions)

1. Write a program that accepts a username and password and checks if both are not empty.
2. Create a program that checks if two numbers are equal and outputs a message if they are.
3. Write a program that checks if a number is positive and even.

4. Write a program that takes three numbers and checks if all of them are different.

5. Create a program that accepts two strings and checks if they have the same length.

6. Create a program that accepts a number and checks if it's divisible by both 3 and 5.

7. Write a program that checks if the sum of two numbers is greater than 50.

8. Create a program that checks if a given number is between 10 and 20 (inclusive).