- # Beginner Arithmetic Exercises

1. Write a Python program to add two numbers.
2. Write a program to subtract one number from another.
3. Write a program to multiply two numbers.
4. Write a program to divide two numbers and display the result.
5. Write a program to find the remainder when one number is divided by another.
6. Write a program to calculate the square of a number.
7. Write a program to calculate the cube of a number.
8. Write a program to convert Celsius temperature to Fahrenheit.
9. Write a program to calculate the area of a rectangle.
10. Write a program to calculate the perimeter of a square.

- # Intermediate Arithmetic Exercises

11. Write a program to calculate the average of three numbers.
12. Write a program to check whether a number is even or odd.
13. Write a program to swap two numbers without using a third variable.
14. Write a program to find the largest of three numbers.
15. Write a program to calculate simple interest.
16. Write a program to calculate compound interest.
17. Write a program to calculate the total and percentage of 5 subjects.
18. Write a program to convert seconds into hours, minutes, and seconds.
19. Write a program to calculate the roots of a quadratic equation.
20. Write a program to calculate the distance between two points.

- # Advanced Arithmetic Exercises

21. Write a program to check whether a number is prime.
22. Write a program to find the factorial of a number.
23. Write a program to generate the Fibonacci series up to *n* terms.
24. Write a program to reverse a number.
25. Write a program to check whether a number is a palindrome.
26. Write a program to find the sum of digits of a number.
27. Write a program to find the GCD of two numbers.
28. Write a program to find the LCM of two numbers.
29. Write a program to evaluate a mathematical expression entered by the user.
30. Write a program to calculate the power of a number without using `**`.