ASSIGNMENTS - I

1. Simple Calculator:

   - Take two numbers and an operator (+, -, *, /, //, %, **) as input

   - Perform the selected operation using if-else structure (avoid elif)

2. Compare Ages:

   - Input two ages

   - Use only comparison operators and basic print statements to show who is older, or if same

3. Number Type Identifier:

   - Input a number as string

   - Convert it using type casting

   - Use type() function to print original and converted types

4. Discount Calculator:

   - Input bill amount

   - Apply a 10% discount using arithmetic and assignment operators

   - Use only if (no elif)

5. Login Validator:

   - Define username and password variables

   - Take user input and validate using logical and comparison operators

6. Even/Odd Checker:

   - Convert string input to integer

   - Use modulus (%) operator to check even/odd

7. Boolean Logic Evaluator:

   - Create is_student, has_id_card, has_fee_paid (True/False)

   - Print results using and/or/not (no if)

8. Area Calculator:

   - Take base and height input

   - Use arithmetic and assignment operators to compute area of triangle

9. Number Swapper:

   - Input two numbers

   - Swap values using only assignment operators (no third variable)

10. Voting Eligibility:

   - Input name and age

   - Use print + comparison to show voting eligibility or years left (avoid elif)