Functions in kalkulator program:

- subtraction

Description: This function performs subtraction between two numbers. It takes two arguments, a and b, and returns the result of a - b.

Returns: The difference of a and b.

- addnumbers

Description: This function adds two numbers together. It accepts two numeric arguments, a and b, and returns their sum.

Returns: The sum of a and b.

- multiplication

escription: This function multiplies two numbers. It takes two parameters, a and b, and returns the product of a * b.

Returns: The product of a and b.

- division

Description: This function divides one number by another. It requires two parameters, a (dividend) and b (divisor), and returns the quotient of a / b.

Note: If b is zero, the function will report a division by zero error.

Returns: The quotient of a divided by b.

- integerDivision

Description: This function performs integer division between two numbers. It takes two arguments, a and b, and returns the result of a // b. In integer division, the result is the whole number portion of the division, with any fractional part discarded.

Note: If b is zero, the function will report a division by zero error.

Returns: The quotient of a divided by b, with any fractional part discarded (number).

- exponentiation

Description: This function raises a number to a certain power. It accepts two arguments: base and exponent, returning the result of base raised to the power of exponent.

Returns: The result of base raised to the power of exponent (number).

- root

Description: This function calculates the square root of a given number. It takes a single argument, number, and returns its square root.

Note: If the number is negative, the function will report it accordingly as most real number systems do not support square roots of negative numbers.

Returns: The square root of the number.

How to use kalkulator:

1. **Start the Program**: Run the program, and you will be greeted with a prompt asking what operation you want to perform. The options are:
    - 1 for Subtraction
    - 2 for Addition
    - 3 for Multiplication
    - 4 for Division
    - 5 for Integer Division
    - 6 for Exponentiation
    - 7 for Square Root
2. **Select an Operation**: Enter the number corresponding to the operation you want to perform. For example, type 1 and press Enter if you want to perform subtraction.
3. **Input Numbers**:
    - For operations 1 to 6 (Subtraction, Addition, Multiplication, Division, Integer Division, Exponentiation):
        - You will be prompted to enter two numbers, x and y. Enter each number and press Enter.
    - For operation 7 (Square Root):
        - You will be prompted to enter only one number, x. Enter the number and press Enter.
4. **View the Result**: After entering the necessary numbers, the program will display the result of the chosen operation.

Notes:

- The program expects numeric input. Entering non-numeric values will result in an error.
- For division and integer division, if the second number (y) is zero, the program will either report an error or handle it according to the function's implementation.
- The Square Root function only requires one input and calculates the square root of that number.