Here are **some practice questions** on **Exception Handling** to test and strengthen your understanding:

---

1. Simple Arithmetic Exception Handling

- Write a program that:
  - Takes two numbers as input from the user.
  - Performs **addition, subtraction, multiplication, and division**.
  - Handles:
    - ZeroDivisionError (if division by zero occurs).
    - ValueError (if the input is not a valid number).

---

2. Tuple Index Error Handling

- Write a program that:
  - Creates a **tuple** with five elements.
  - Asks the user for an index and prints the corresponding element.
  - Handles:
    - IndexError (if the index is out of range).
    - ValueError (if the user enters a non-numeric value).

---

3. Safe List Modification

- Write a program that:
  - Creates a list of integers.
  - Asks the user for an **index and a new value** to update the list.
  - Handles:
    - IndexError (if the index is out of range).
    - ValueError (if the input is not a valid number).
    - TypeError (if a non-integer value is entered).

---

4. Division Using a Function with Exception Handling

- Write a function safe_divide(a, b) that:
    - Takes two numbers and returns a / b.
    - Handles:
        - ZeroDivisionError (if b is zero).
        - TypeError (if input values are not numbers).
- Call the function with user inputs.

---

5. Custom Exception for Negative Numbers

- Define a custom exception NegativeNumberError.
- Write a function check_positive(number) that:
    - Raises NegativeNumberError if number is negative.
    - Otherwise, prints "Valid number."
- Use a try-except block to handle this.
