In [ ]:
```python
#exception handling zero division error
def divide_numbers(a, b):
    try:
        if b == 0:
            raise ZeroDivisionError("Division by zero is not allowed.")
        result = a / b
        return result
    except ZeroDivisionError as e:
        print(f"Error: {e}")
        return None
    finally:
        print("Division operation completed.")

# Example usage
numerator = 10
denominator = 0

result = divide_numbers(numerator, denominator)

if result is not None:
    print(f"Result: {result}")
```

```
Error: Division by zero is not allowed.
Division operation completed.
```

In [ ]:
```python
#handling indexerror

def access_element(lst, index):
    try:
        if index >= len(lst) or index < 0:
            raise IndexError("Index out of range.")
        element = lst[index]
        return element
    except IndexError as e:
        print(f"Error: {e}")
        return None
    finally:
        print("Index access operation completed.")
my_list = [1, 2, 3, 4, 5]

index_to_access = 10

result = access_element(my_list, index_to_access)

if result is not None:
    print(f"Element at index {index_to_access}: {result}")
```

```
Error: Index out of range.
Index access operation completed.
```