

Q1. Write a program to handle the exception of ZeroDivisionError.

```
In [ ]: try:
        numerator = 10
        denominator = 0
        result = numerator / denominator
    except ZeroDivisionError as e:
        print("Error:", e)
        raise
    else:
        print("Result:", result)
    finally:
        print("Division operation completed.")
```

Error: division by zero
Division operation completed.

```
-----
ZeroDivisionError                                Traceback (most recent call last)
Cell In[14], line 4
      2 numerator = 10
      3 denominator = 0
----> 4 result = numerator / denominator
      5 except ZeroDivisionError as e:
      6     print("Error:", e)

ZeroDivisionError: division by zero
```

Q2. Write a program to handle the exception of IndexError.

```
In [ ]: try:
        list=[1,2,3,4,5]
        list[7]
    except IndexError:
        print("An error occurred: Index out of range")
    finally:
        print("The finally block is always executed")
```

An error occurred: Index out of range
The finally block is always executed