Lab Exercise 5

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

```python
In [ ]: print("Program ot handle the exception of ZeroDivisionError")
        dividend = int(input("Enter a dividend\t"))
        print("dividend: ",dividend)
        divisor = int(input("Enter a divisor\t"))
        print("divisor: ",divisor)
        try:
            output = dividend / divisor
            print("Result: ",output)
        except ZeroDivisionError:
            print("Denominator cannot be 0.")
```

```
Program ot handle the exception of ZeroDivisionError
dividend:  12
divisor:  0
Denominator cannot be 0.
```

Q2. Write a program to handle the exception of IndexError. [Handle the exceptions with 'Try', 'Except', 'Finally' and 'Raise' according to the requirements in the program.]

```python
In [ ]: try:
            animal_list = ['panda','bear','donkey','monkey','ox']
            if (len(animal_list) > 5):
                raise IndexError()
            else:
                print(animal_list[5])

        except IndexError:
            print("Index error has occured. check the number of elements in the list.")
```

```
Index error has occured. check the number of elements in the list.
```