

Assignment 5 -- Exception handling

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Q. Write exception handling programs for the following errors:

- 1.To handle zero division error.
- 2.To handle error while working with file
- 3.To handle value error

Exception Handling in python

1. Handling the zero division error

```
try:
    a=int(input("Enter number one "))
    b=int(input("Enter number two "))
    div= a/b
    print(div)
```

```
except:
    print("Error try again")
```

```
Enter number one 1
Enter number two 0
Error try again
```

- 2.To handle error while working with file

#FileNotFoundException --> When files are not present

```
with open("exception.txt") as f:
    for i in f:
        print(i)
```

```
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FileNotFoundError                                Traceback (most recent call
last)
/var/folders/_j/759_qxxj5g78z3vbyyd3zb6c0000gn/T/ipykernel_68899/13770
49080.py in <module>
----> 1 with open("exception.txt") as f:
      2     for i in f:
      3         print(i)
```

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```
FileNotFoundError: [Errno 2] No such file or directory:  
'exception.txt'
```

Using try except block to solve problem

```
try:  
    with open("exception.txt") as f:  
        for i in f:  
            print(i)  
except:  
    print("File is not present. Please check file path or existence of  
file")
```

File is not present. Please check file path or existence of file

3.To handle value error

```
try:  
    raise ValueError  
except:  
    print("Value error handled")
```

Value error handled