# File handling

## Exception:

It’s a run time error ,othat program like sob tik tak kore then run korte gele error show kore.

Eta hote pare, user vul input er karone or tik kore code lika na hole.

Example : program error

lol**=**int(input('enter a number'))

result**=**'mahmud'**/**lol #here a string given then a inter taken input, result error

print(result)

print('done')

example: user given input error

lol**=**int(input('enter a number'))

result**=**0**/**lol

print(result)

print('done')

#on the above program ,If we give any floting,string or other number without inter number ,its show an error

Example:

### Single exception with finally

**try**:

    lol**=**input('enter a number:')

    result**=**20**/**lol

    print(result)

    print('good')

**except** ZeroDivisionError:

    print('string not divided by intger')

**finally**:

    print('i do not understand what errro')

*#print('r u understand')*

Example:

### Multiple exception :

*#give o then found zero devision error*

*#give string or floting fount value error*

**try**:

    lol**=**int(input('enter a number:'))

    result**=**20**/**lol

    print('successful:',result)

**except** (ZeroDivisionError):

    print('dont enter zero ')

**except** (ValueError):

    print('dont enter string and floting number')

**finally**:

    print('i do not understand what errro')

*#print('r u understand')*

We can shortcut above program by define all error define in one exception,

*#give o then found zero devision error*

*#give string or floting fount value error*

**try**:

    lol**=**int(input('enter a number:'))

    result**=**20**/**lol

    print('successful:',result)

**except** (ZeroDivisionError,ValueError):

    print('dont enter zero ')

    print('dont enter string and floting number')

**finally**:

    print('i do not understand what errro')

*#print('r u understand')*

### Raise

*#raise er use ,but buji ni*

**def** fun(**age**):

**if** age**<**18:

**raise** ValueError('invilide')

**else**:

        print('ok')

fun(120)

fun(10)