

## Finally block

As we have already seen try except else, in previous lectures. Now we will see finally  
The difference between else and finally is that else block is executed if there is no exception and finally block will execute if there is an exception. So, it is independent of the exception and it guarantees that it will always execute.

### Program:

### Input

```
print('before try')
try:
    a=int(input('enter numerator'))
    b=int(input('enter denominator'))
    c=a//b
except ZeroDivisionError as err:
    print(err)
else:
    print('division is ',c)
finally:
    print('finally block')
    print('outside try-except-else')
```

### Output

```
before try
enter numerator2
enter denominator3
('division is ', 0)
finally block
outside try-except-else
```

```
def div(a,b):#def function
    try:
        c=a//b
        return c
    except ZeroDivisionError as err:
        raise ZeroDivisionError#except block handling error
    finally:
        print('finally block')
        z= div(10, 2)#calling the function and storing the result
        print(z)#printing value of a variable
```

### Program:

Finally is useful inside the function