1. **Try Example**

**try:**

fh = open("testfile", "w")

fh.write("This is my test file for exception handling!!")

**except IOError:**

print ("Error: can\'t find file or read data" )

**else:**

print ("Written content in the file successfully“)

fh.close()

**2-> Except Example**

**try**:

     a = int(input("Enter a:"))

     b = int(input("Enter b:"))

     c = a/b;

     print(c)

**except** Exception:

     print("can't divide by zero")

**else**:

  print("Hi , control is in the else block")

**3-> Multiple Except Example**

**try**:

     a = int(input("Enter a:"))

     b = int(input("Enter b:"))

     c = a/b;

     print(c)

**except IOError:**

print('An error occurred trying to read the file.')

**except ValueError:**

print('Non-numeric data found in the file.')

**except ImportError:**

print "NO module found"

**except EOFError:**

print('Why did you do an EOF on me?’)

**except KeyboardInterrupt:**

print('You cancelled the operation.')

**except:**

print('An error occurred.')

**4-> Finally Example**

try:

x=input(“enter”)

x > 3

except:

print("Something went wrong")

else: #optional

print("Nothing went wrong")

finally:

print("The try...except block is finished"

**5-> Logical Error example**

x = float(input(‘Enter a number: ‘))

y = float(input(‘Enter a number: ‘))

z = x+y/2

print ('The average of the two numbers you have entered is:',z)

**6-> Syntax Error Example**

x = int(input(‘Enter a number: ‘))

whille x%2 == 0:

print(‘You have entered an even number.’)

else:

print (‘You have entered an odd number.’)

**7-> Raise Exception Example**

1. x = -1  
    if x < 0:  
      raise Exception("Sorry, no numbers below zero")
2. x = “hello“

if not type(x) is int:

raise TypeError("Only integers are allowed")