

**예외처리**

# 예외처리

- try : except : 구문

```
number1 = float(input("enter a number : "))  
number2 = float(input("enter a number : "))  
result = number1 / number2  
print(result)
```

```
number1 = float(input("enter a number : "))  
number2 = float(input("enter a number : "))
```

```
try :
```

```
    result = number1 / number2  
    print(result)
```

```
except :
```

```
    print("I am sorry something went wrong")
```

# 예외처리

- try: except: finally:

```
import sys
number1 = float(input("enter a number : "))
number2 = float(input("enter a number : "))
try :
    result = number1 / number2
    print(result)
except :
    error = sys.exc_info()[0]
    print(error)
finally:
    print("Done")
```

**\*sys.exc\_info()**

- 현재 발생한 예외정보를 튜플로 반환
- ex) classtype, value = sys.exe\_info()

# 예외처리

- try: except: finally:

```
import sys
number1 = float(input("enter a number : "))
number2 = float(input("enter a number : "))
try :
    result = number1 / number2
    print(result)
except :
    error = sys.exc_info()[0]
    print(error)
    sys.exit()
finally:
    print("Done")
```

**\*sys.exit()**  
- 시스템을 종료한다

# 예외처리

- 에러의 종류에 따른 예외처리

```
import sys
number1 = float(input("enter a number : "))
number2 = float(input("enter a number : "))
try :
    result = number1 / number2
    print(result)
except ZeroDivisionError :
    print("The answer is infinity")
except :
    error = sys.exc_info()[0]
    print(error)
finally:
    print("Done")
```

# 오류처리

- 에러의 종류에 따른 예외처리

```
import sys
number1 = float(input("enter a number : "))
number2 = float(input("enter a number : "))
try :
    result = number1 / number2
    print(result)
except ZeroDivisionError as e:
    print(e)
    print("The answer is infinity")
except :
    error = sys.exc_info()[0]
    print(error)
finally:
    print("Done")
```