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")
```