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0716hw3.py — python
0716hw1.py 0713hw1.py 0713hw3.py 0716hw3.py x 0711hw9.py {} User Settings

1 def div(dividend, divisor):
2     print("The answer is {}".format(dividend/divisor))
3
4 for i in range(5, -1, -1):
5     for j in range(5, -1, -1):
6         div(i, j)

問題 2 輸出 偵錯主控台 終端機 1: bash

The answer is 1.25
The answer is 1.6666666666666667
The answer is 2.5
The answer is 5.0
Traceback (most recent call last):
  File "0716hw3.py", line 6, in <module>
    div(i, j)
  File "0716hw3.py", line 2, in div
    print("The answer is {}".format(dividend/divisor))
ZeroDivisionError: division by zero
shiangwende-MacBook-Pro:python shiangwen$
```

ZeroDivisionError為exception其中一種,此案例的錯誤是因為會有除數為零的狀況出現,例如 $j=5 \sim -1$  (不含-1)每-1間隔來做遞減：即為5 4 3 2 1 0 函式div計算為 $i/j$ ,這樣j會有0的情況,數學上計算除數會有錯誤！