```
🔀 시작
              quiz8.py
                             quiz7.py
                                       ×
 🕏 quiz7.py 🗦 ...
      def factorial repeat(num):
          sum = 1
          for i in range(1, num+1):
              sum *= i
          return sum
      def factorial recursion(num):
          if num == 0:
              return 1
          return num * factorial_recursion(num-1)
      print("반복문으로 팩토리얼")
      print("1!:",factorial_repeat(1))
      print("2!:",factorial_repeat(2))
      print("3!:",factorial_repeat(3))
      print("4!:",factorial_repeat(4))
      print("5!:",factorial repeat(5))
      print("\n\n재귀함수로 팩토리얼")
      print("1!:",factorial_recursion(1))
      print("2!:",factorial_recursion(2))
      print("3!:",factorial_recursion(3))
      print("4!:",factorial recursion(4))
      print("5!:",factorial_recursion(5))
 C:\Users\User\Documents\대학교강의자료\2-
User/Documents/대학교강의자료/2-1/파이썬
반복문으로 팩토리얼
1!: 1
 2!: 2
 3!: 6
4!: 24
 5!: 120
재귀함수로 팩토리얼
 1!: 1
 2!: 2
 3!: 6
4!: 24
 5!: 120
```