P14q1

Non-Recursive Factorial: (p12p1)

Test 1: 9 – Instant result  
Test 2: 99 – Instant result  
Test 3: 999 – Instant result  
Test 4: 9999 – 4 seconds to return result  
Test 5: 12000 – 6 seconds to return result   
Test 6: 25000 – 18 seconds – result crashed shell.

Recursive Factorial: (p13p6)

Test 1: 9 – 1 second for result (program prints out each recursion steps)  
Test 2: 99 – 5 second for result (program prints out recursion steps)  
Test 3: 999 – approx. 40seonds for result to get as far as fact 20 before crashing. (Maximum Recursion depth exceeded while pickling an object error message returned)