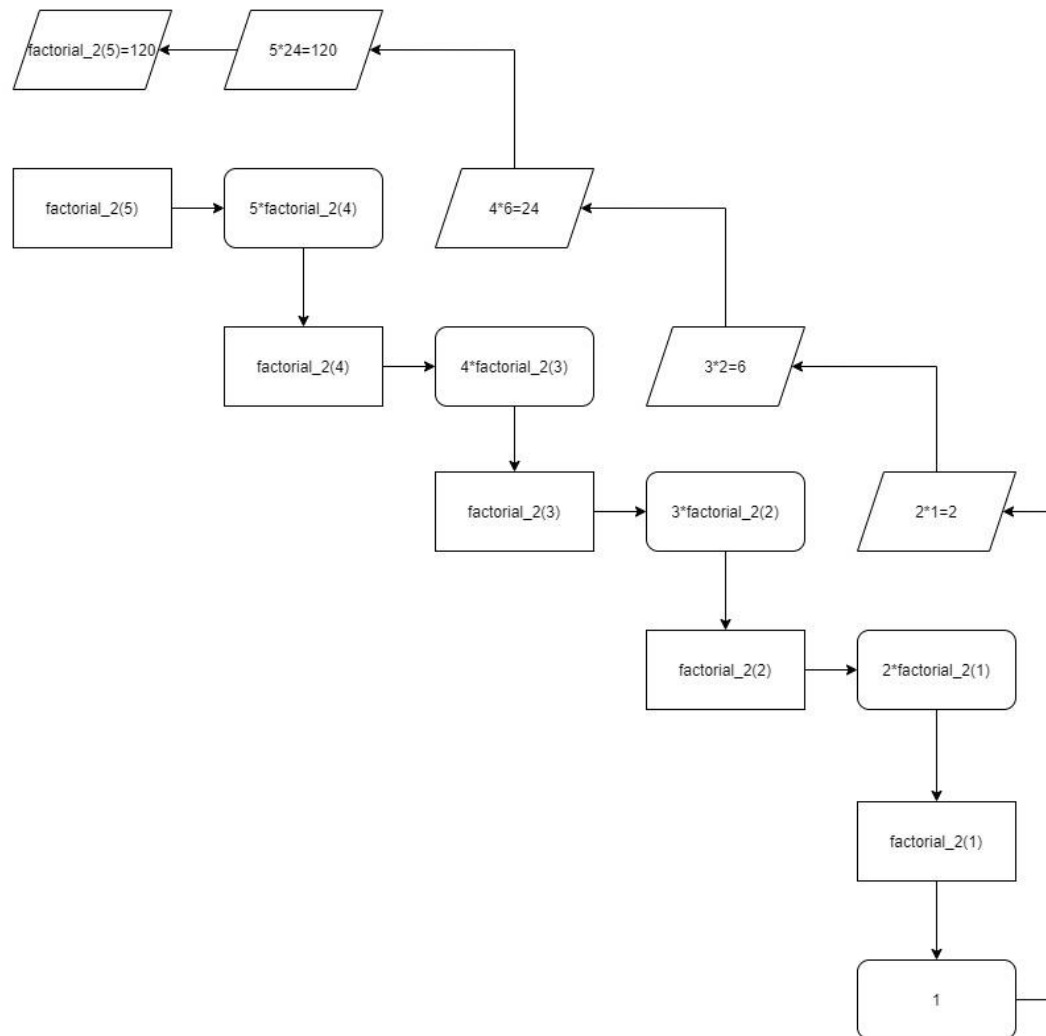


1.

```
factorial_2(5)=5*factorial_2(5-1)=5*factorial_2(4)
factorial_2(4)=4*factorial_2(4-1)=4*factorial_2(3)
factorial_2(3)=3*factorial_2(3-1)=3*factorial_2(2)
factorial_2(2)=2*factorial_2(2-1)=2*factorial_2(1)
factorial_2(1)=1
```

2.



3.

```
for loop 總共花了 0.99945068359375 ms
遞迴 總共花了 1.012563705444336 ms
```