Fibonacci series

Take F0=1, F1=1

Then Fn=Fn-1+Fn-2

If we take n=5

Firstly, we have to calculate F2, F3, F4

As we have values of f0, f1 we don’t need to calculate them

F2=f1+f0=0+1=1

F3=f2+f1=1+1=2

F4=f3+f2=2+1=3

F5=f4+f3=2+3=5

Therefore, we got f5 value as 5