

```

100 def f(n):
101     if n==1:
102         return 1
103     (else)
104     res = n * f(n-1)
105     return res
1 a=3
2 af(a)

```

stack 4kB = 4096 B
PC 8B

$$\frac{4096}{8} = 512 \text{ 'urówni'}$$



$$f(1) = 1$$

$$f(n) = n \cdot f(n-1)$$

$$f(3) = 3 \cdot f(2) = 3 \cdot 2 \cdot f(1) = 3 \cdot 2 \cdot 1 = 6$$

PC-program counter
SP-stack pointer
FP-frame