

main() {

1° What to wear tomorrow?  
 2° Where to have coffee?  
 3° think about how to deal with the assignment.

main() {

1° 2° 3°

}

1°

2°

3°

1°

2°

3°

f<sub>1</sub>(int tmp){

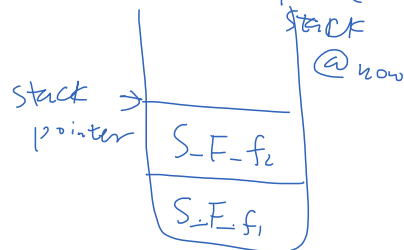
1:  
2:  
3:  
...  
i:  
...  
n  
↑  
pc

f<sub>2</sub>(a, b);

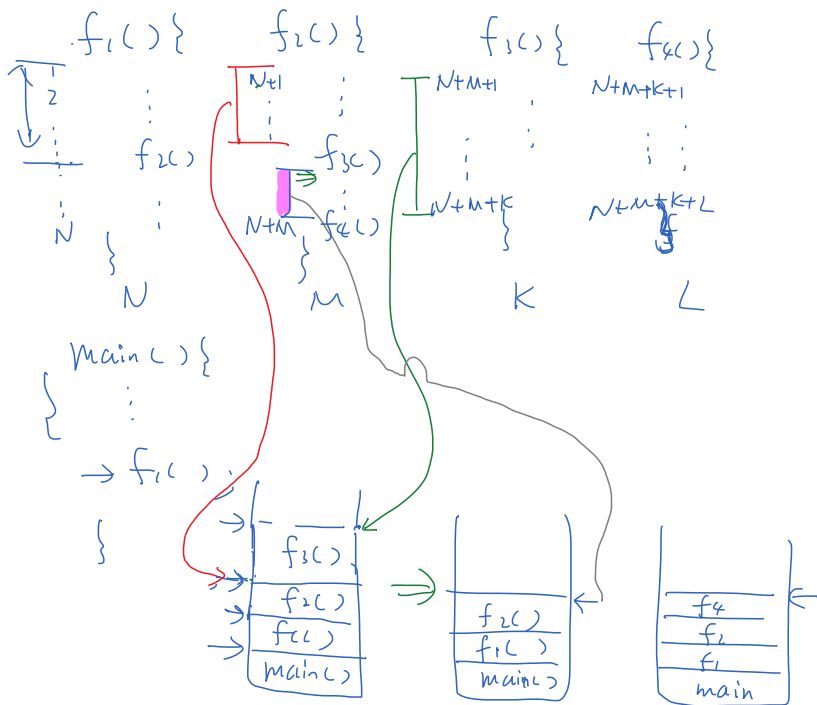
f<sub>2</sub>(int a, float b){

{  
K:  
K+1:  
K+2:  
...  
K+M  
}

View of the stack

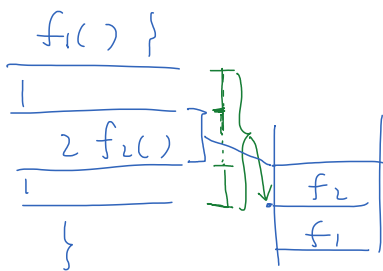


Q: What is the value of pc?



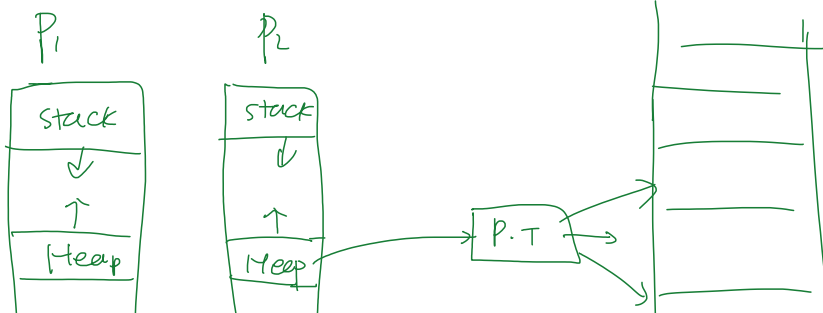
Stack pointer location is a  
function of time

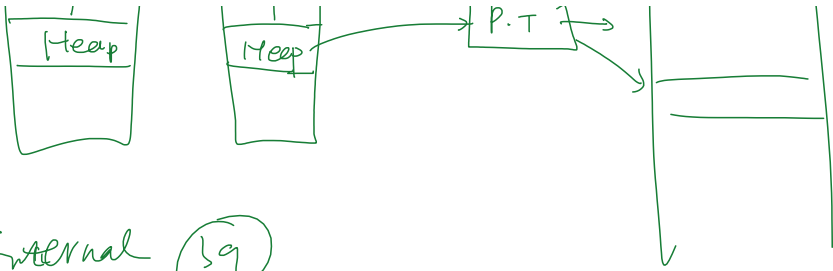
discrete time  
step



Corresponds to  
the duration of  
Execution  
→ invocation of  
new function  
→ till the finish  
of function.

main





Internal 39