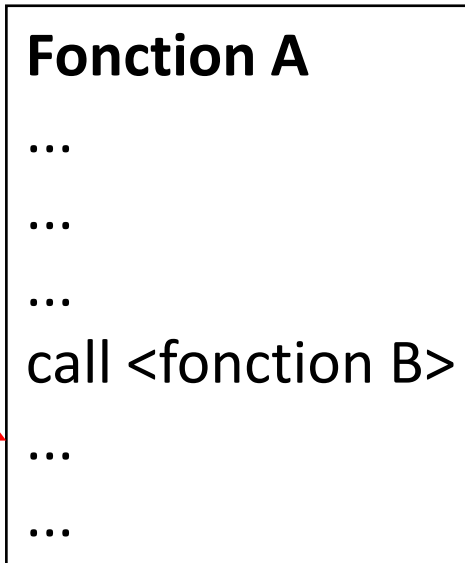
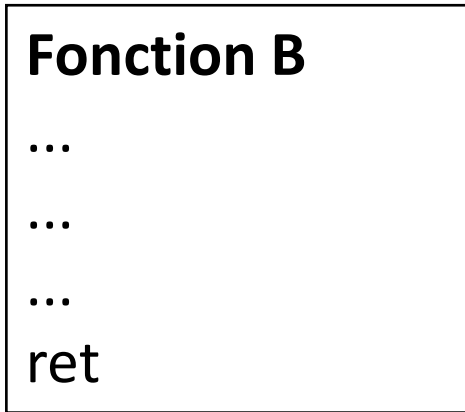
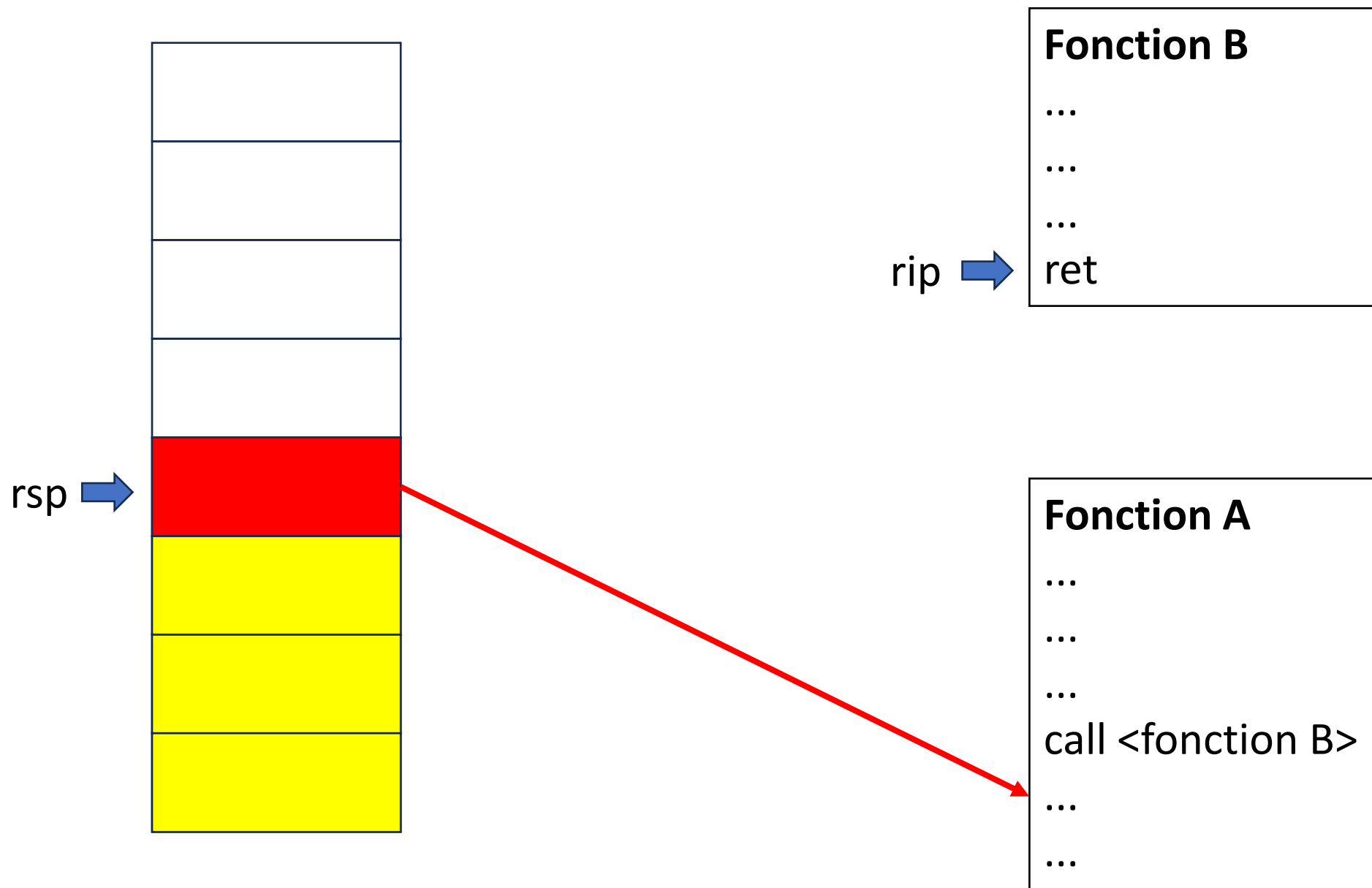


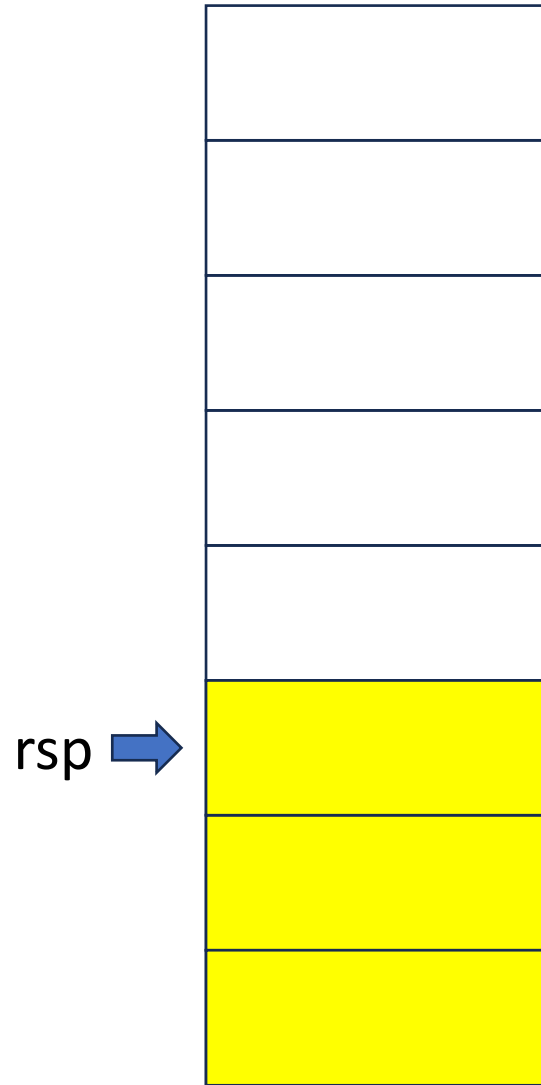
rsp →



rip →







Fonction B

...

...

...

ret

Fonction A

...

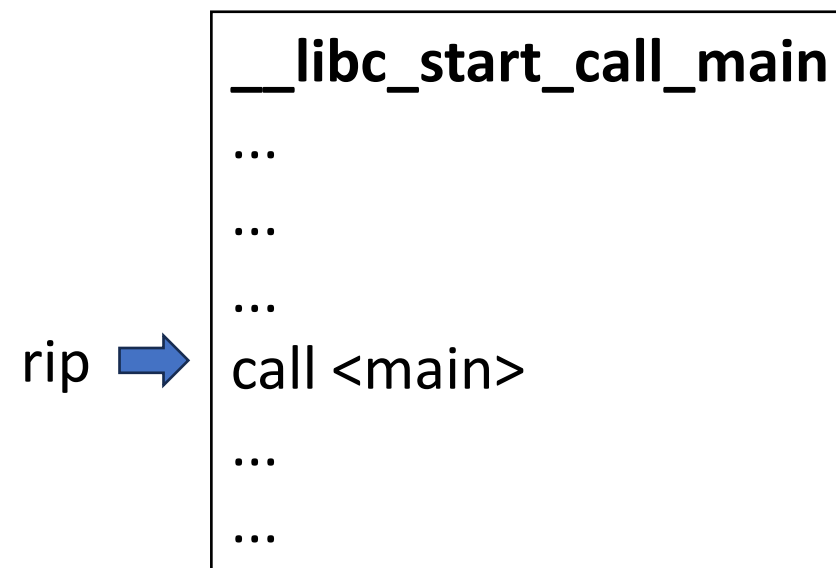
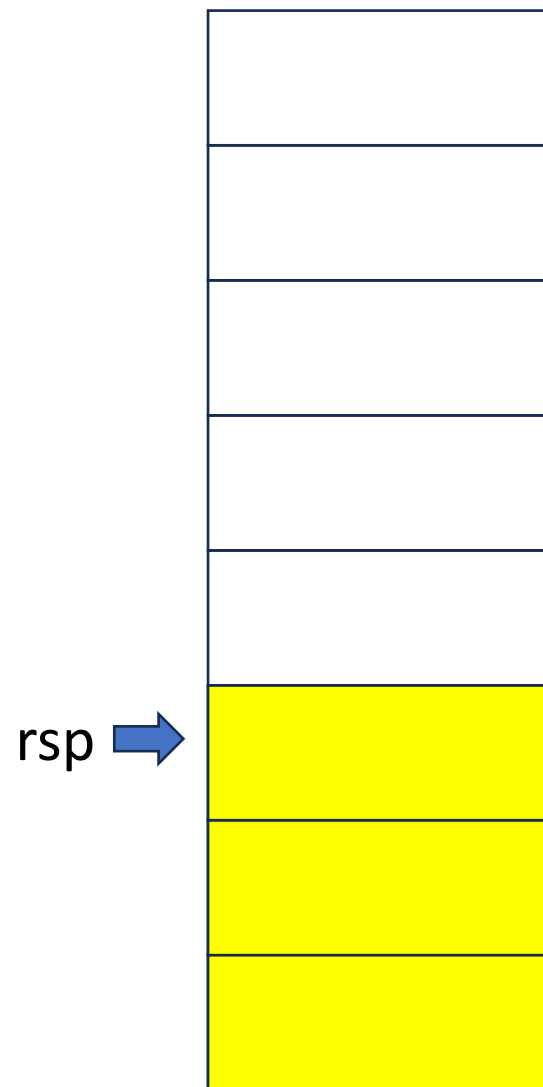
...

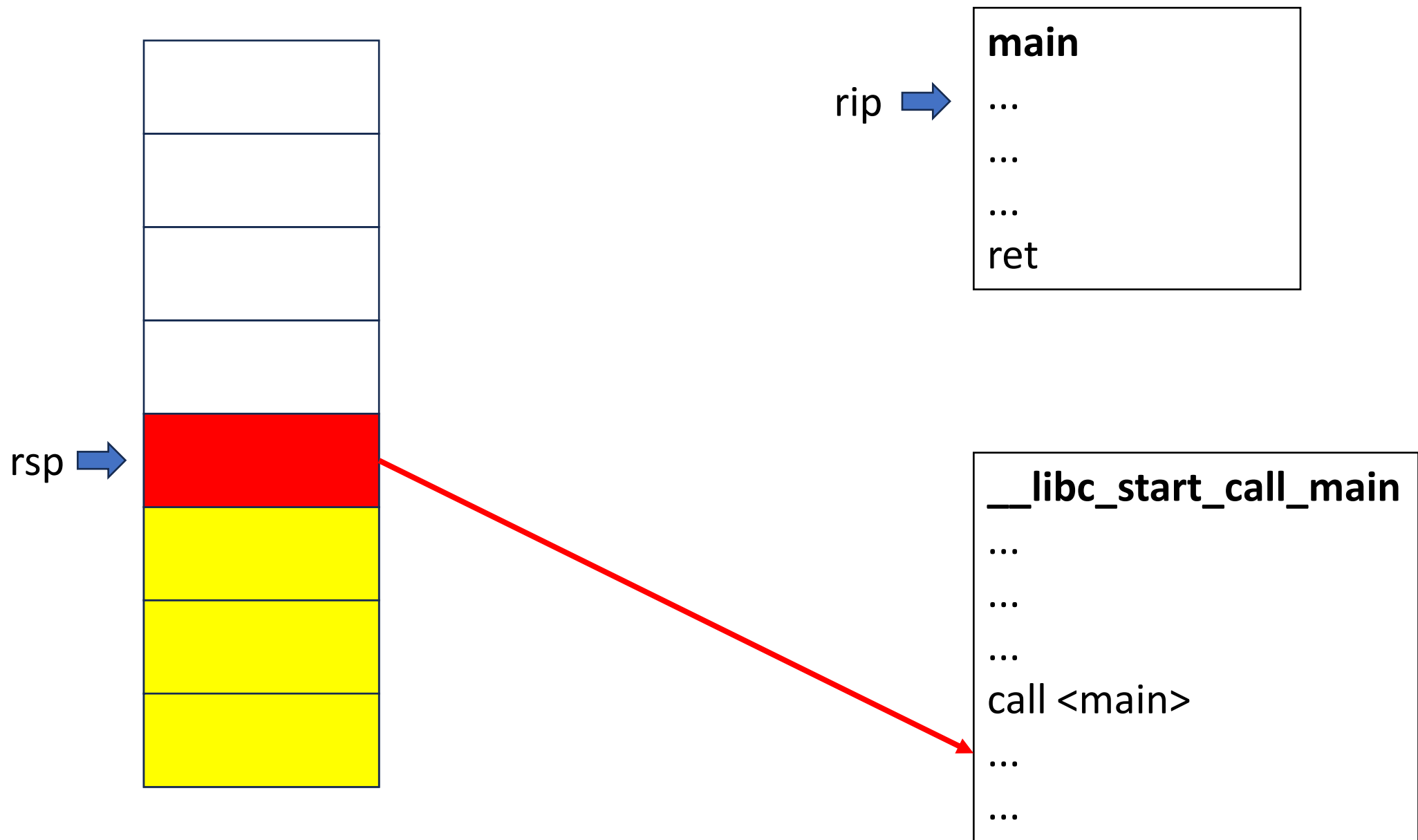
...

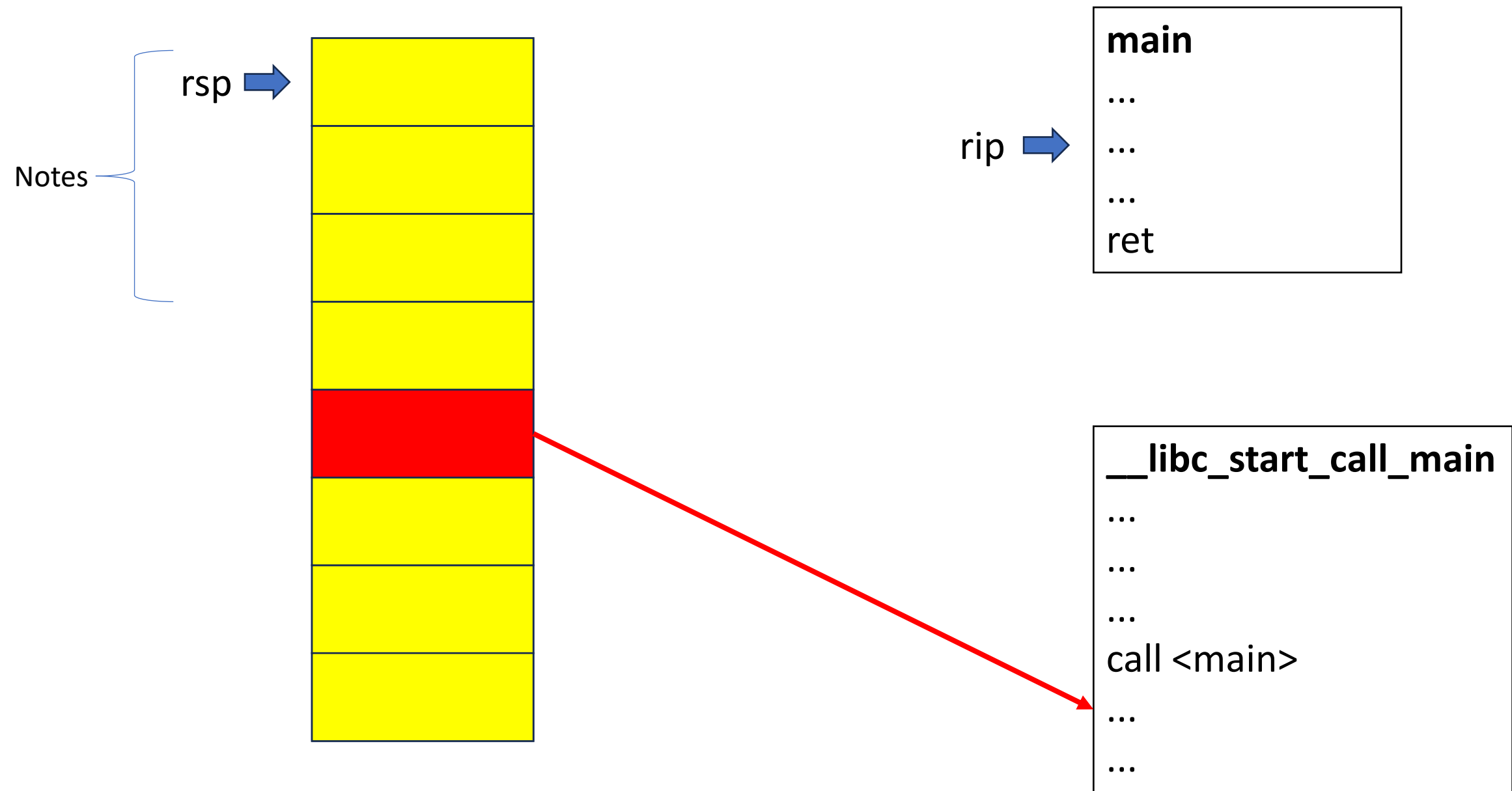
call <fonction B>

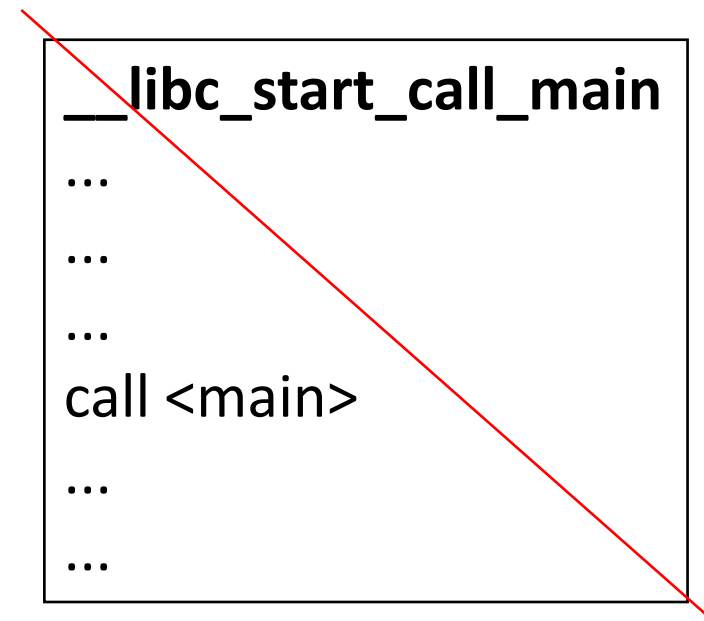
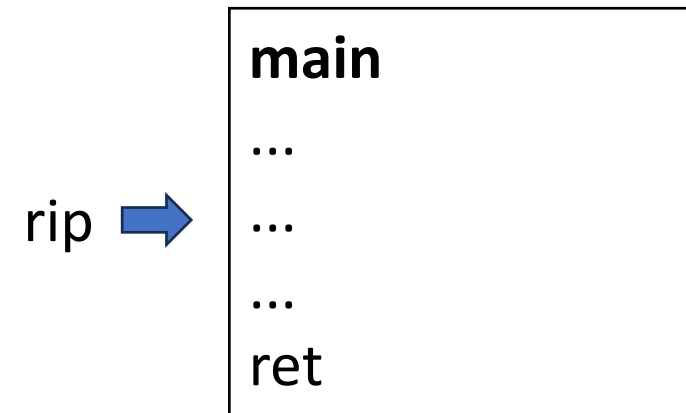
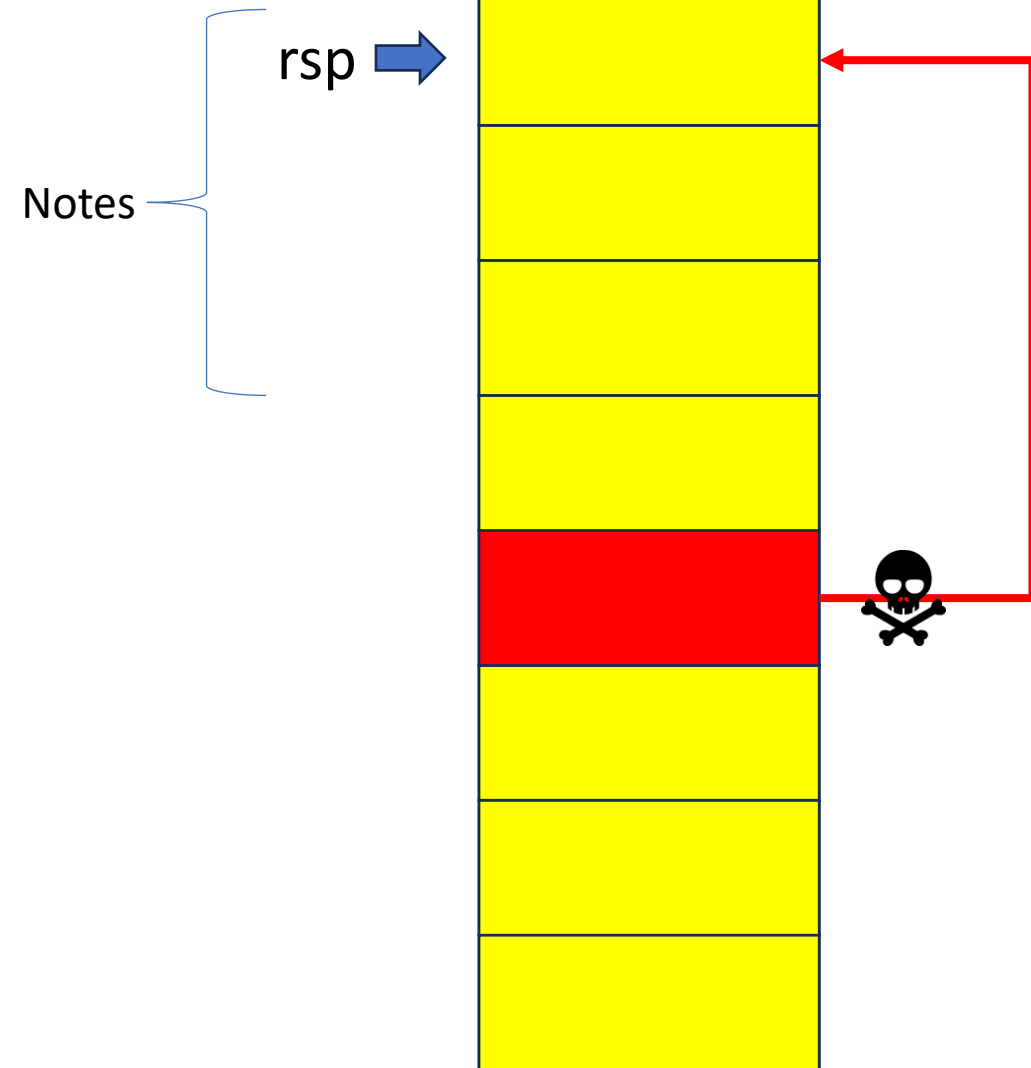
...

...

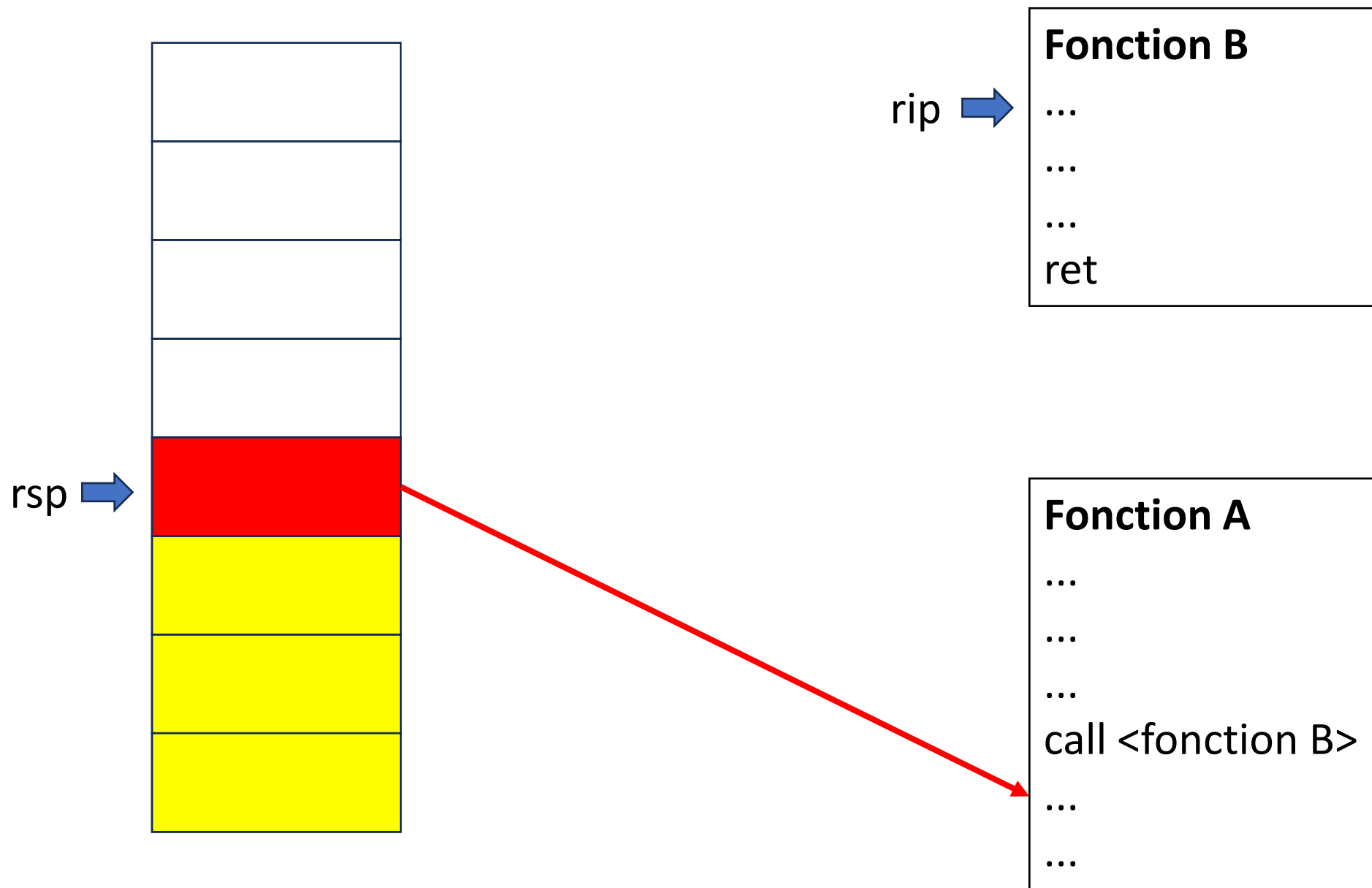


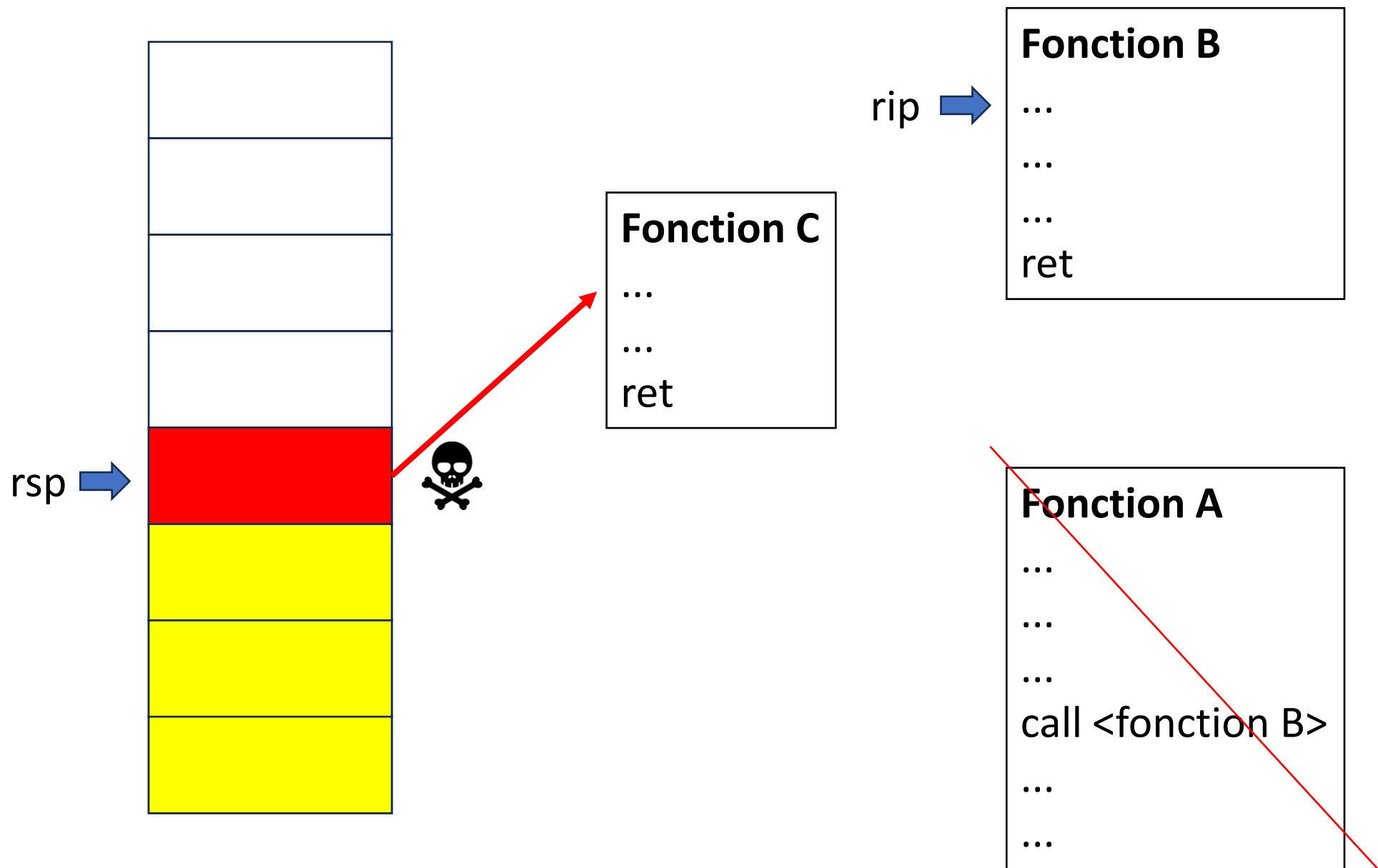


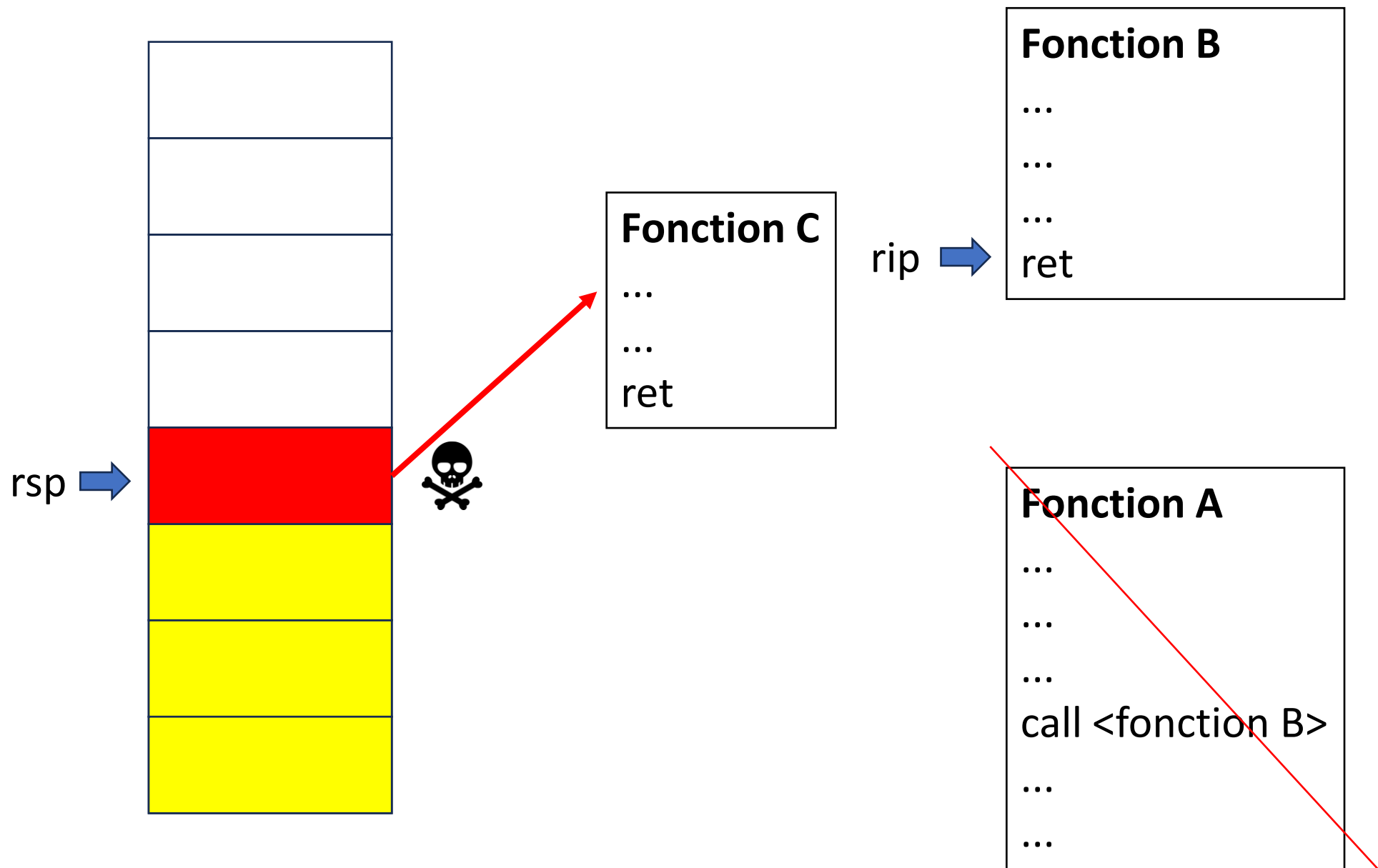


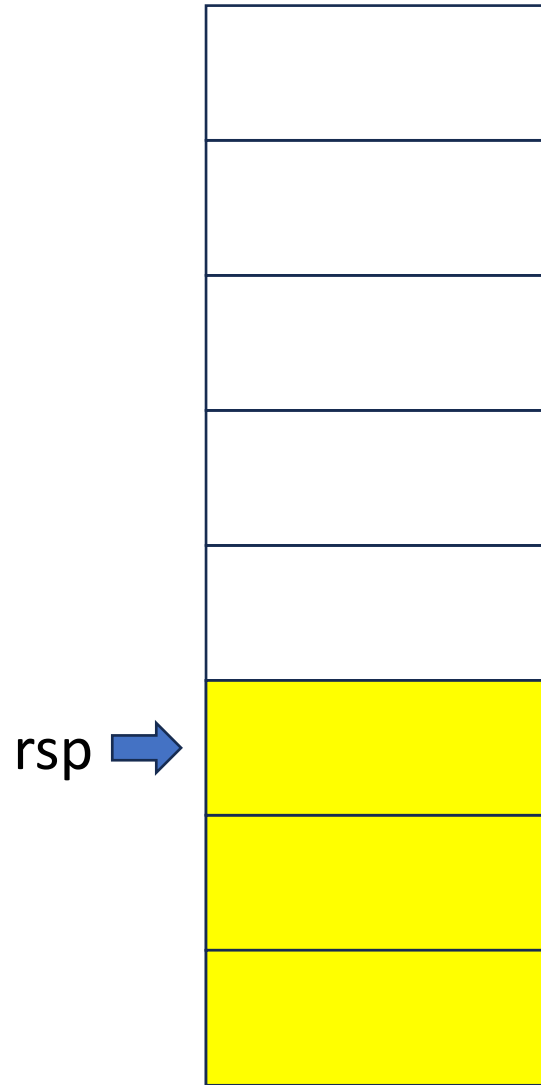




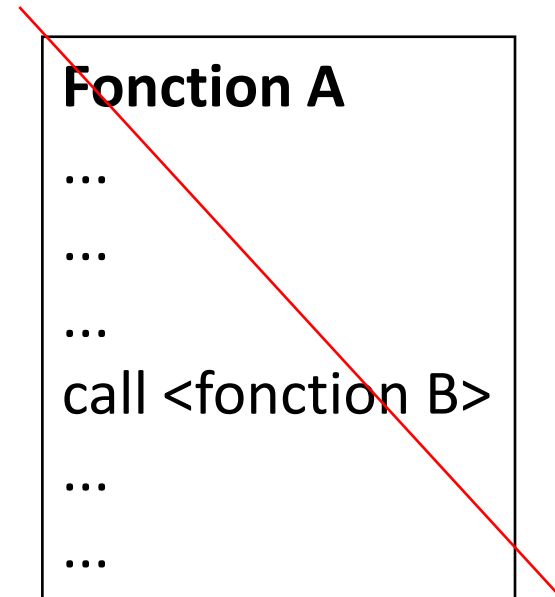
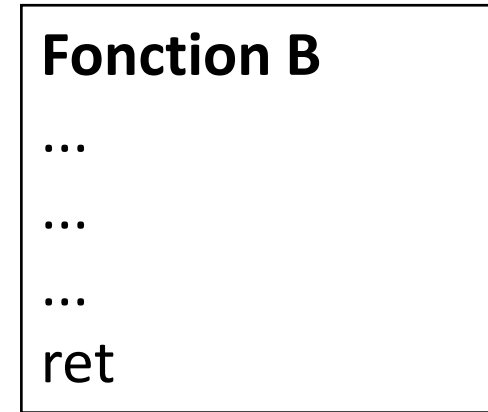
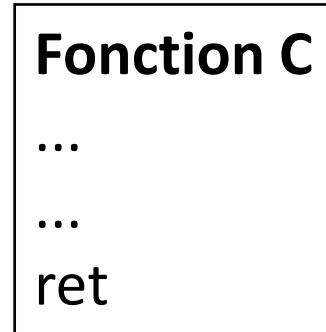


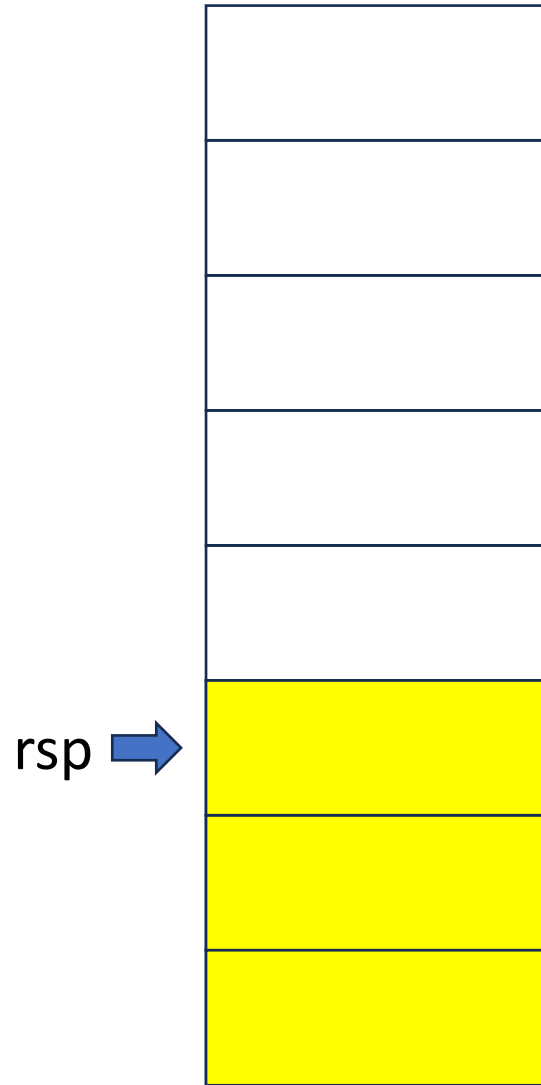




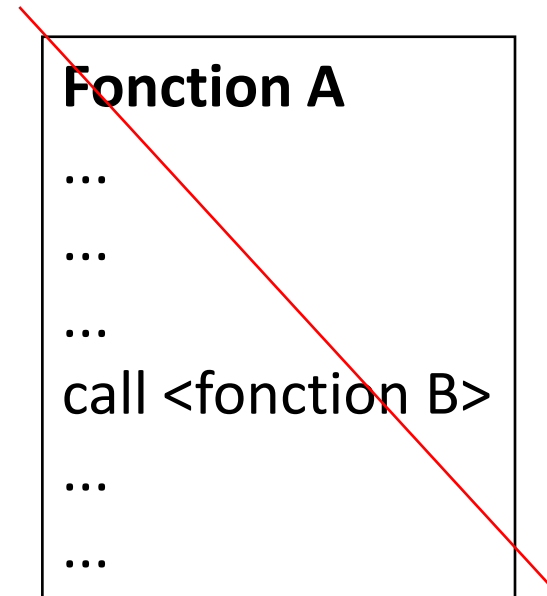
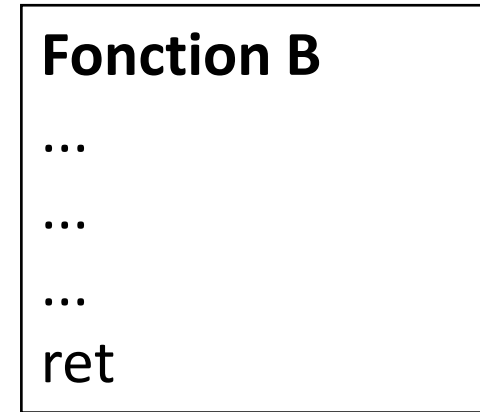
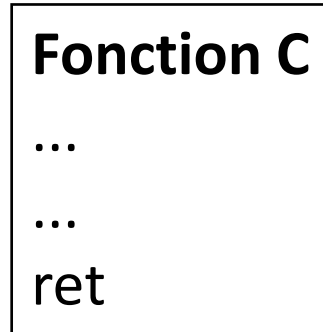


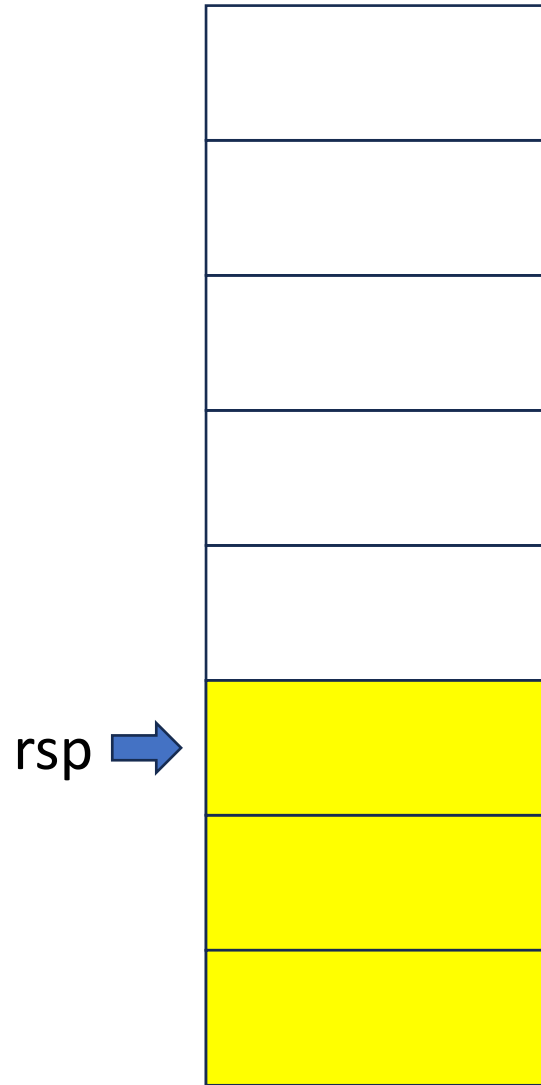
rip →



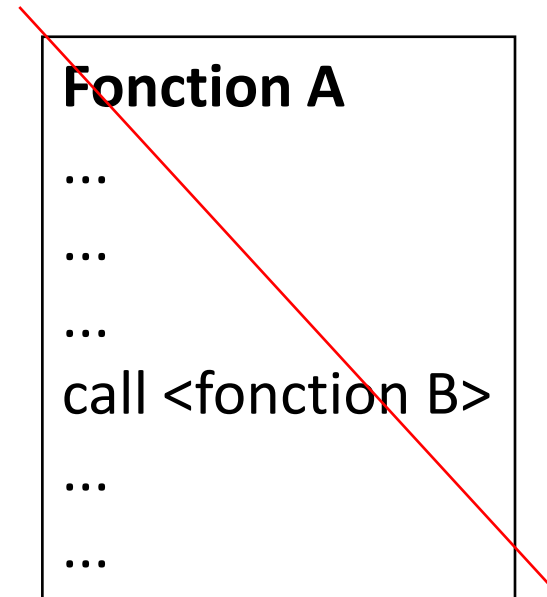
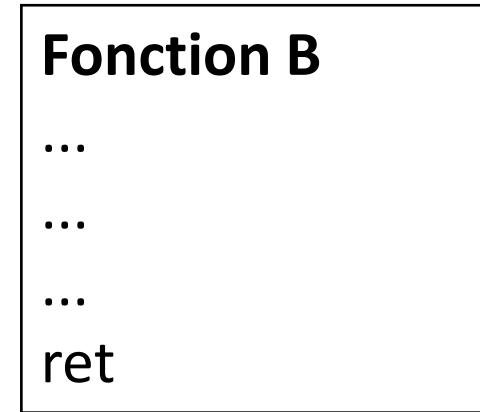
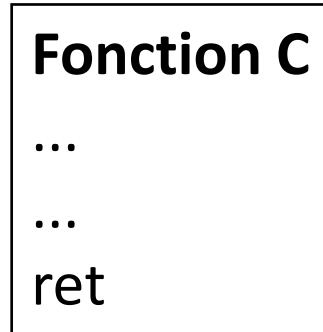


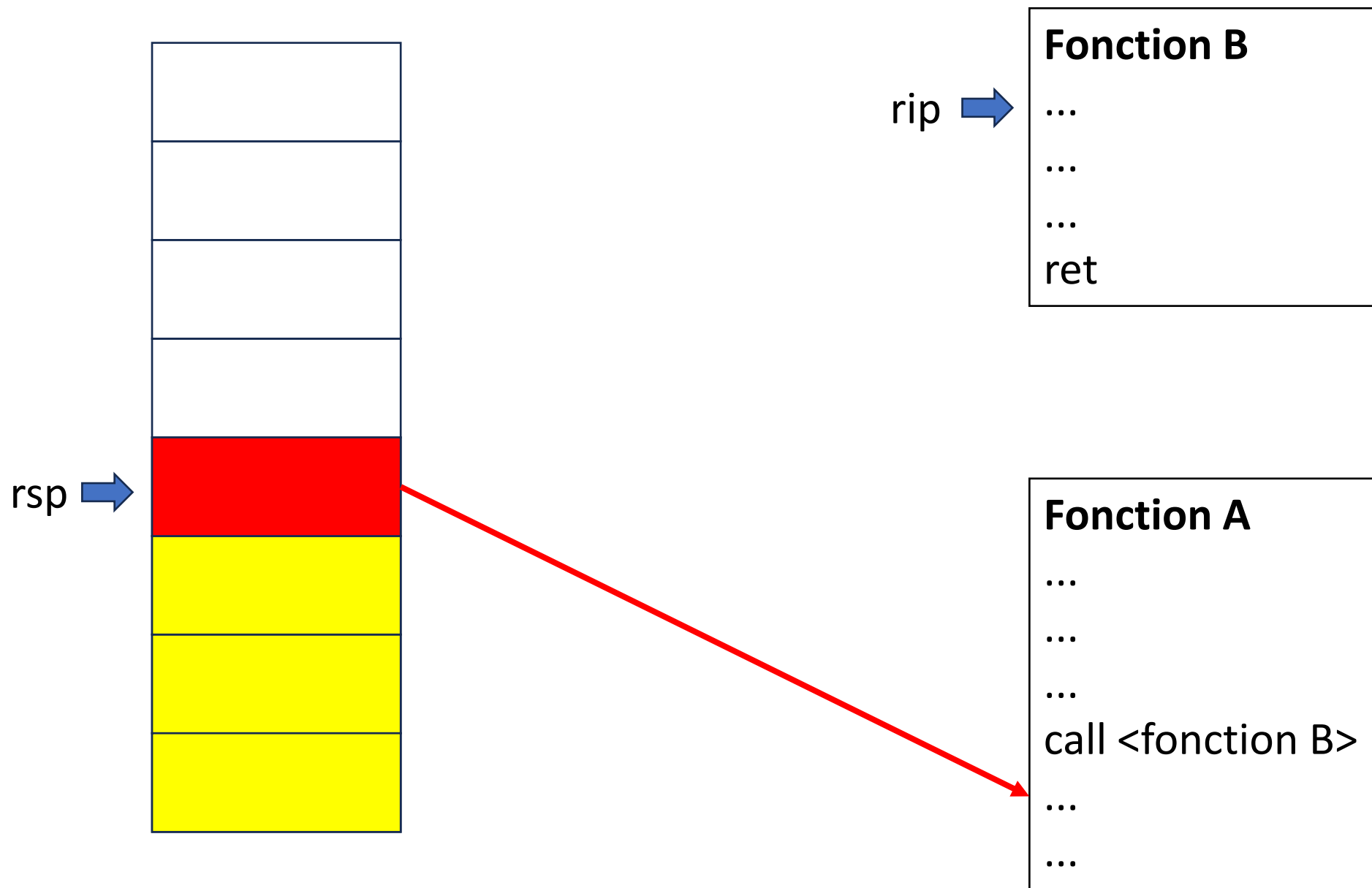
rip →

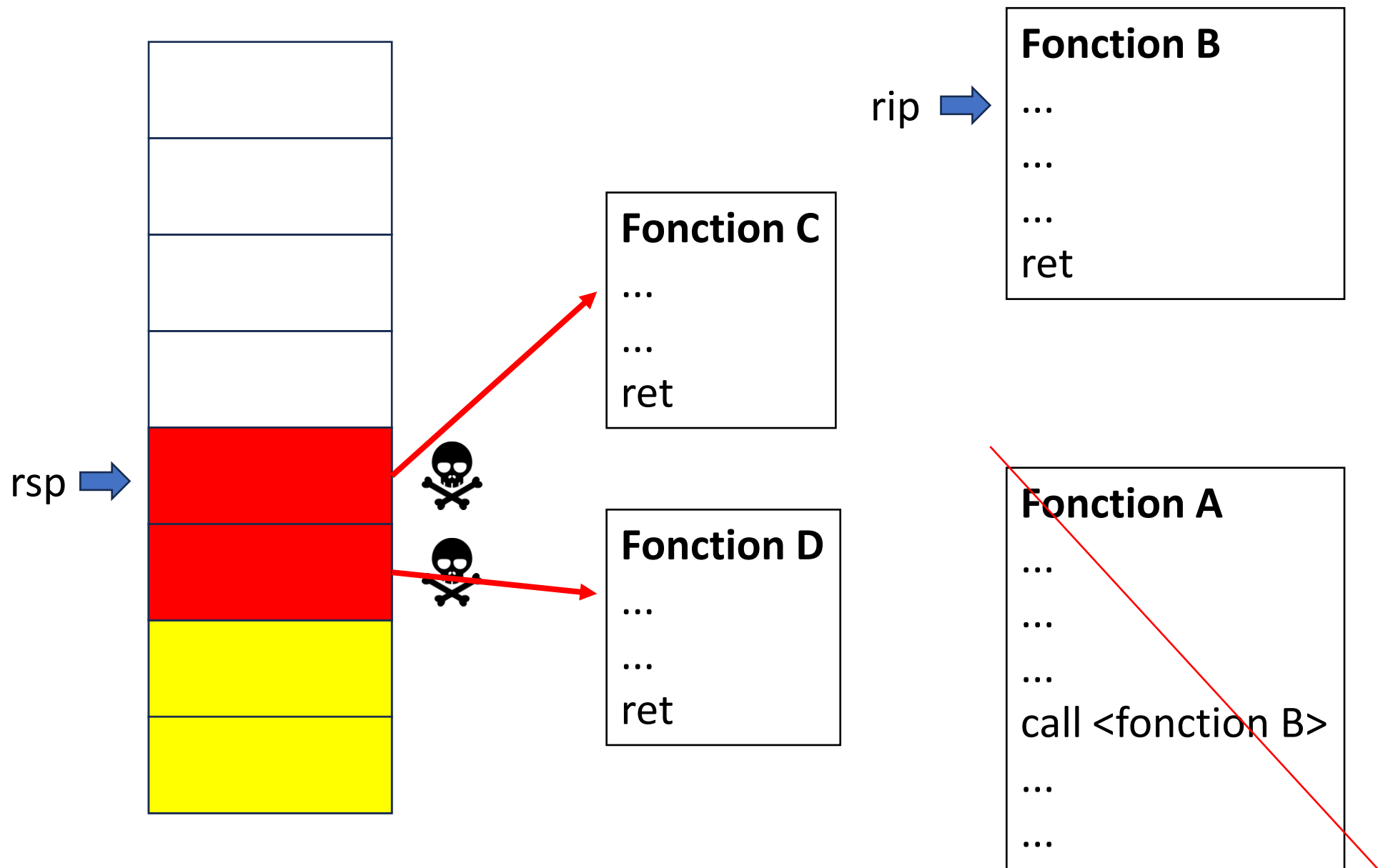


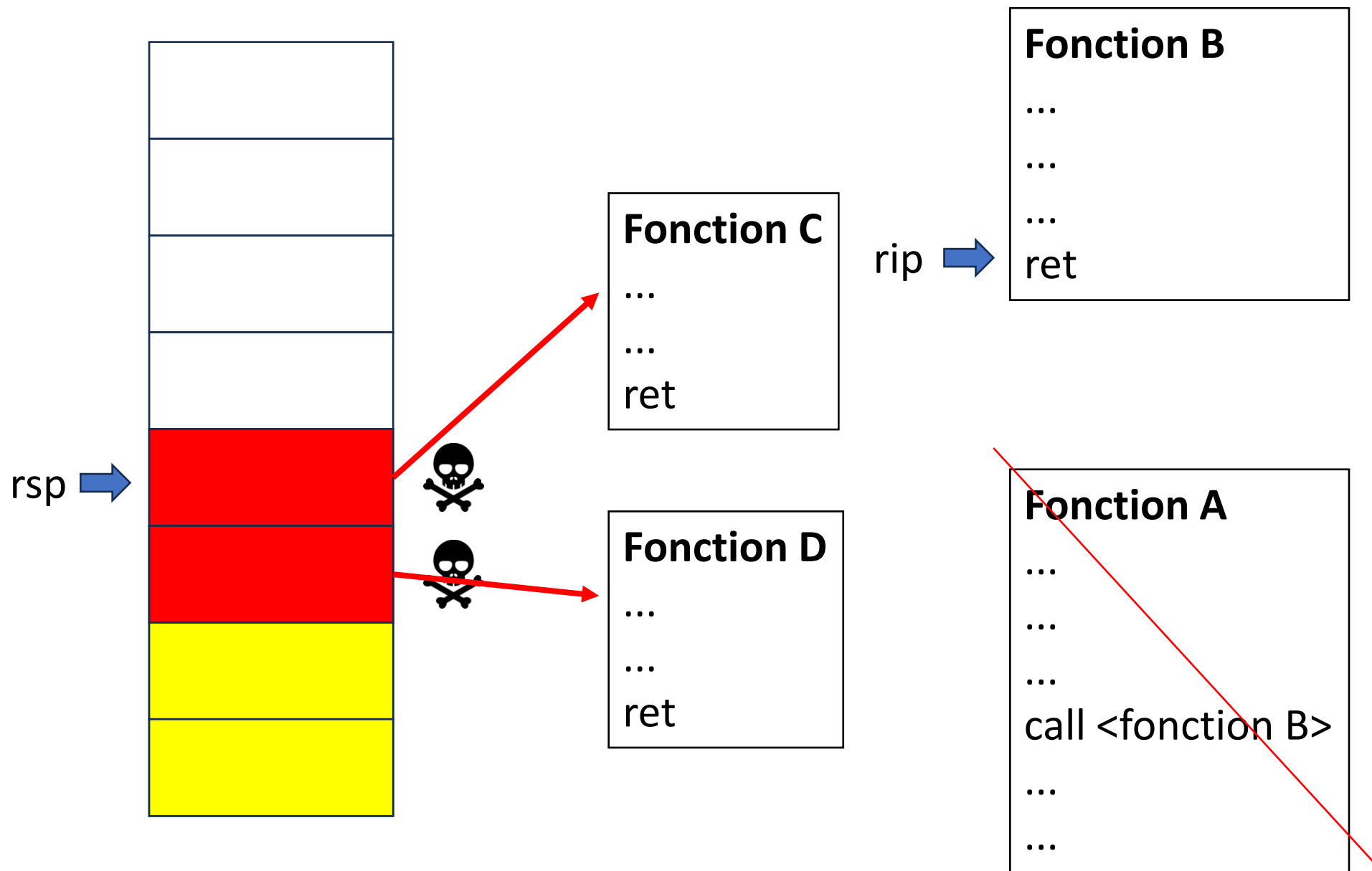


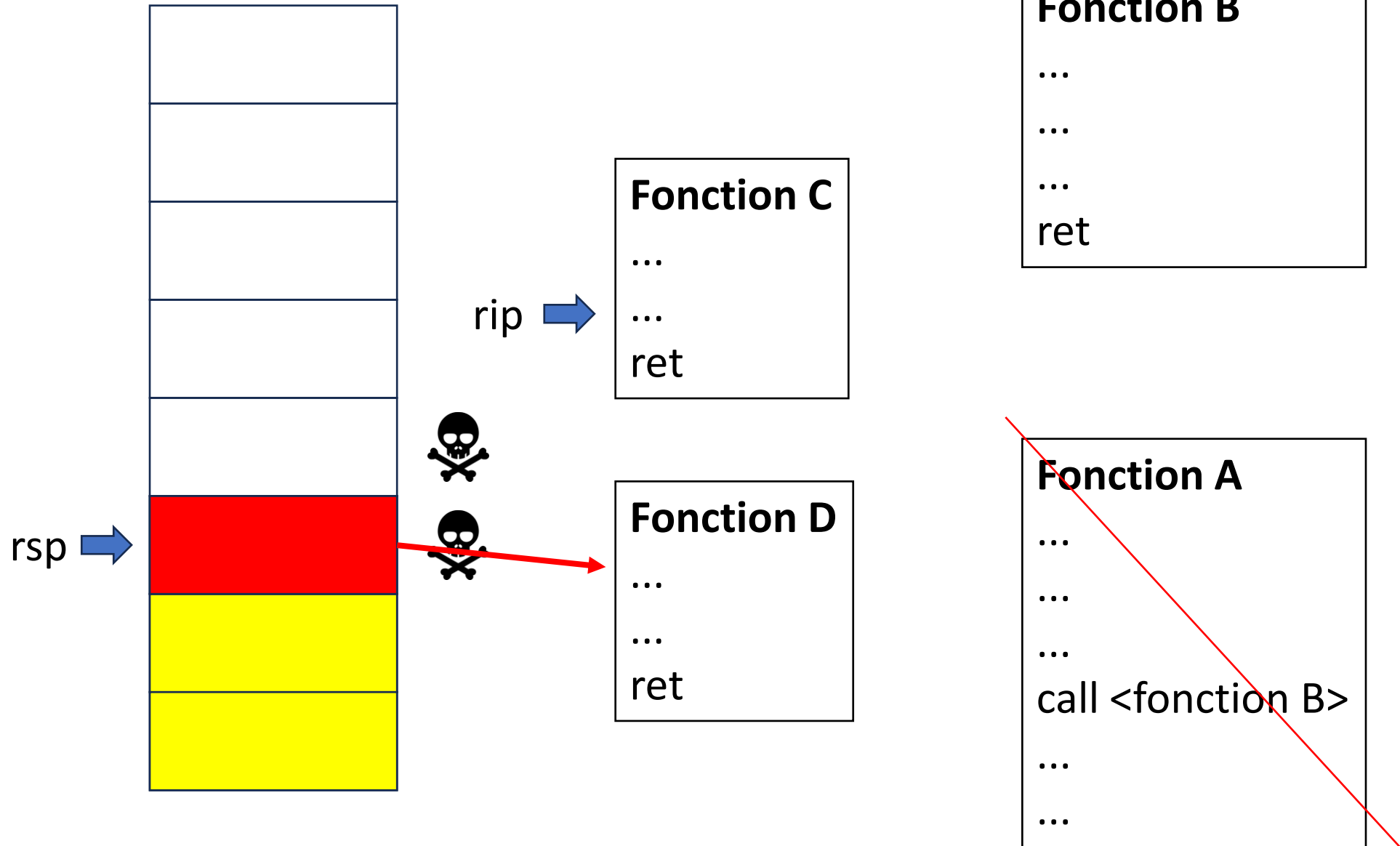
rip →

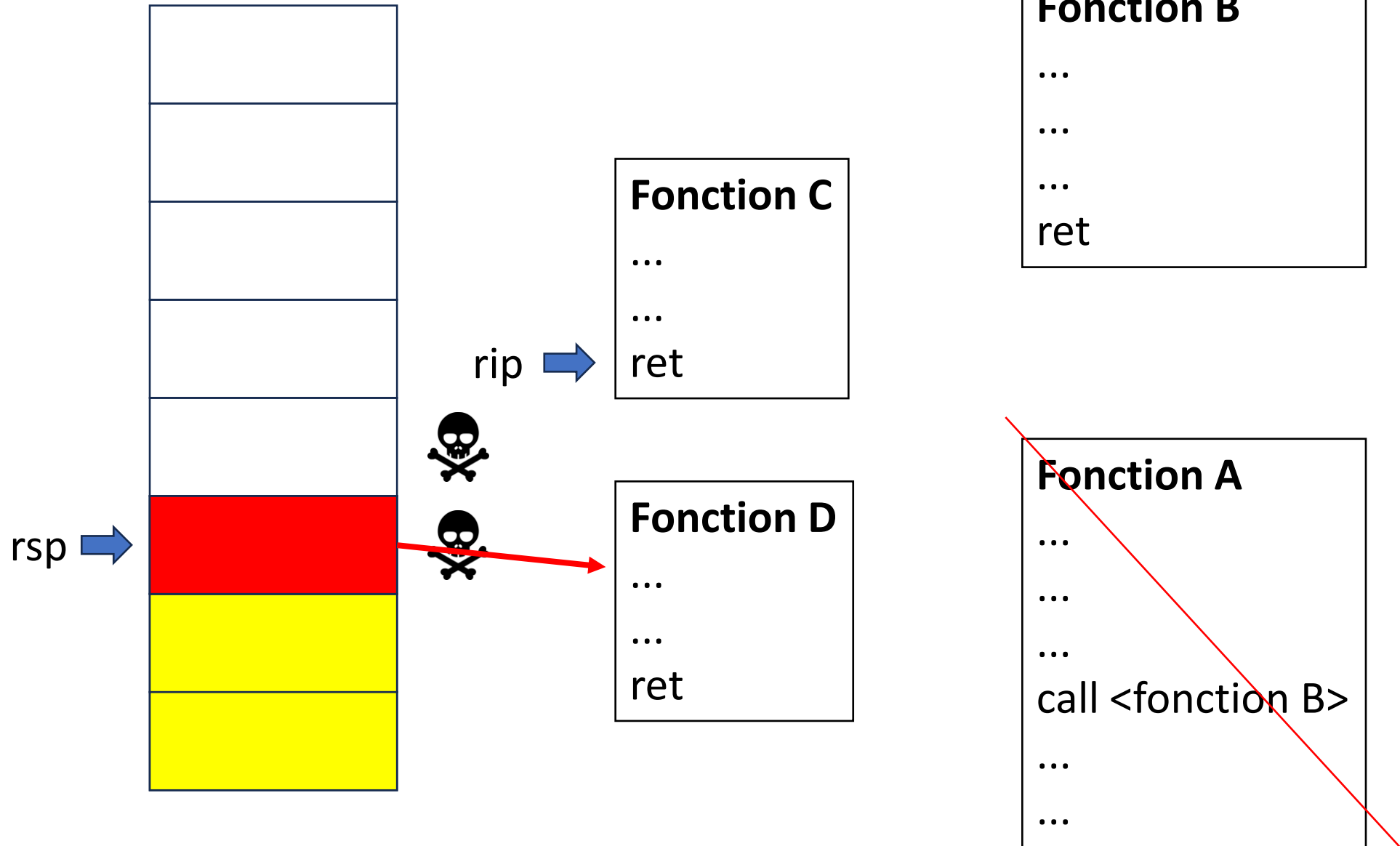


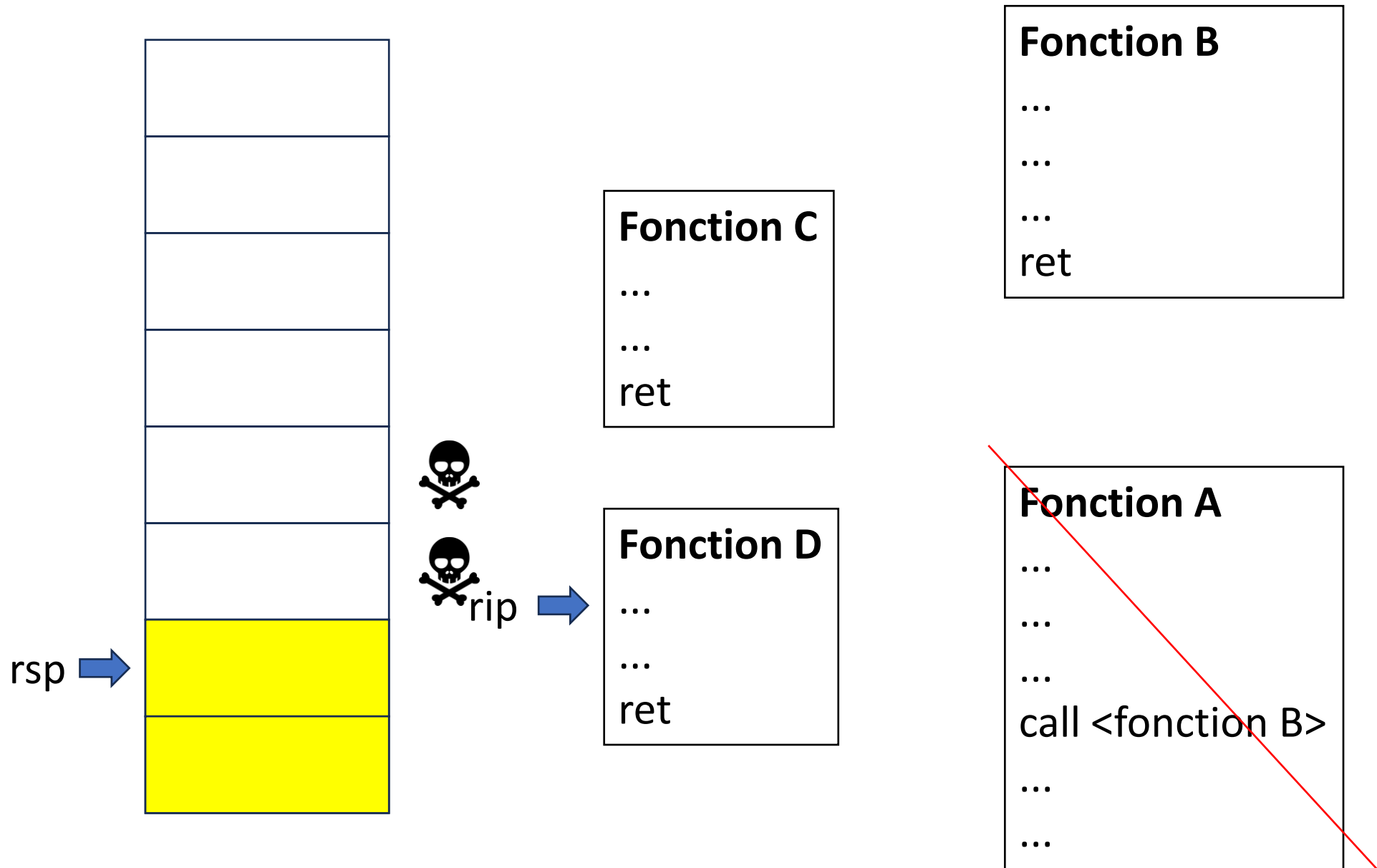


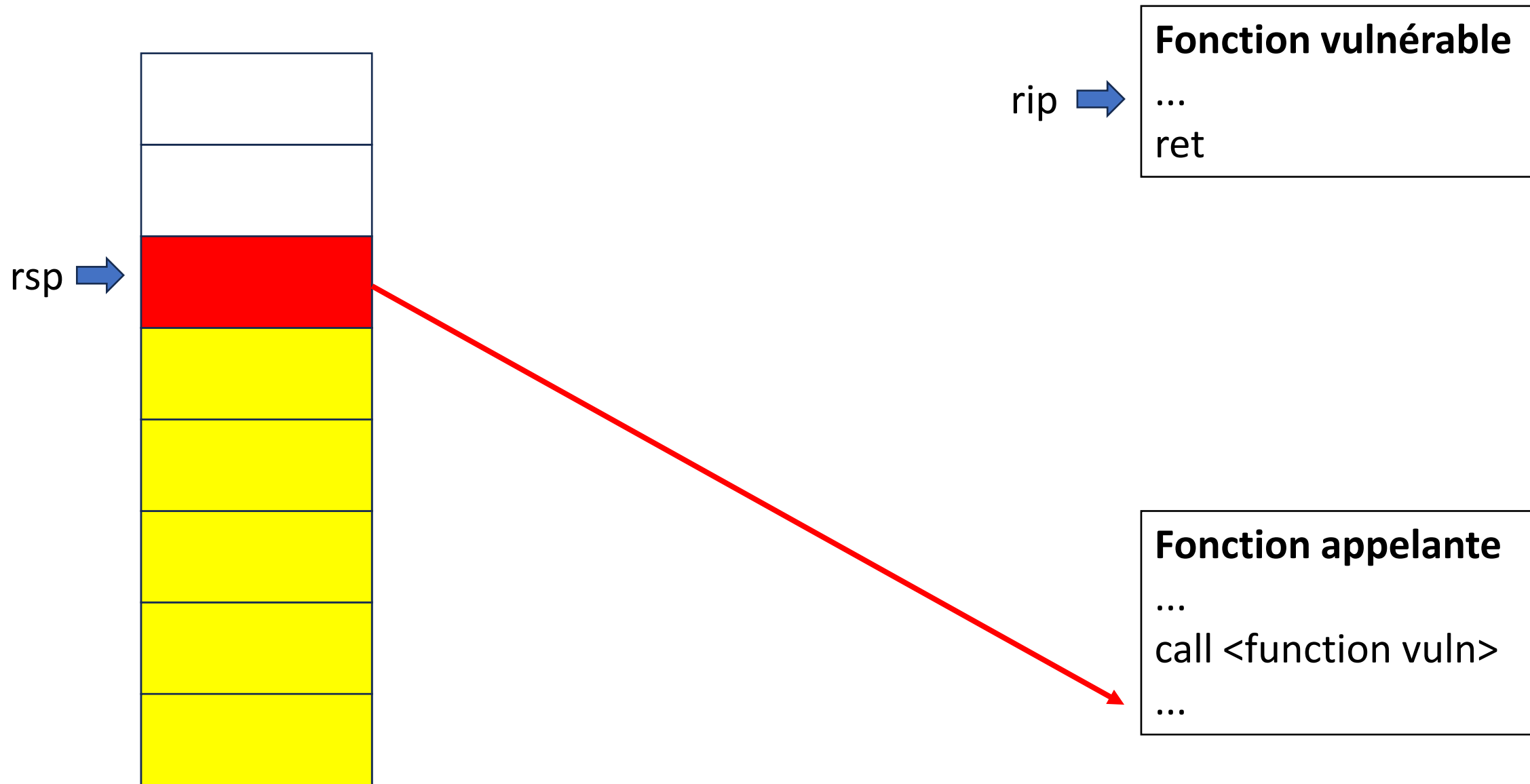


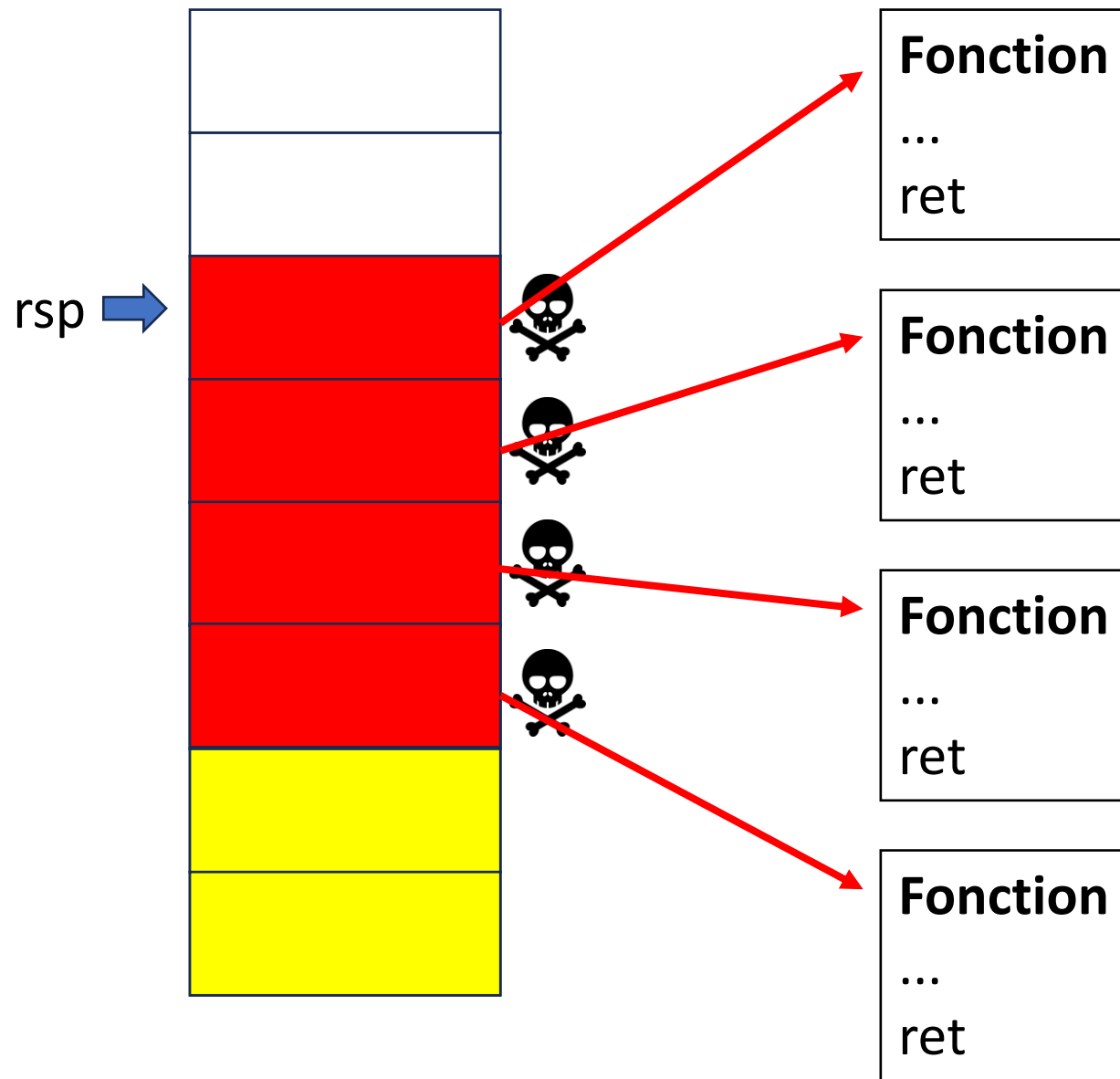


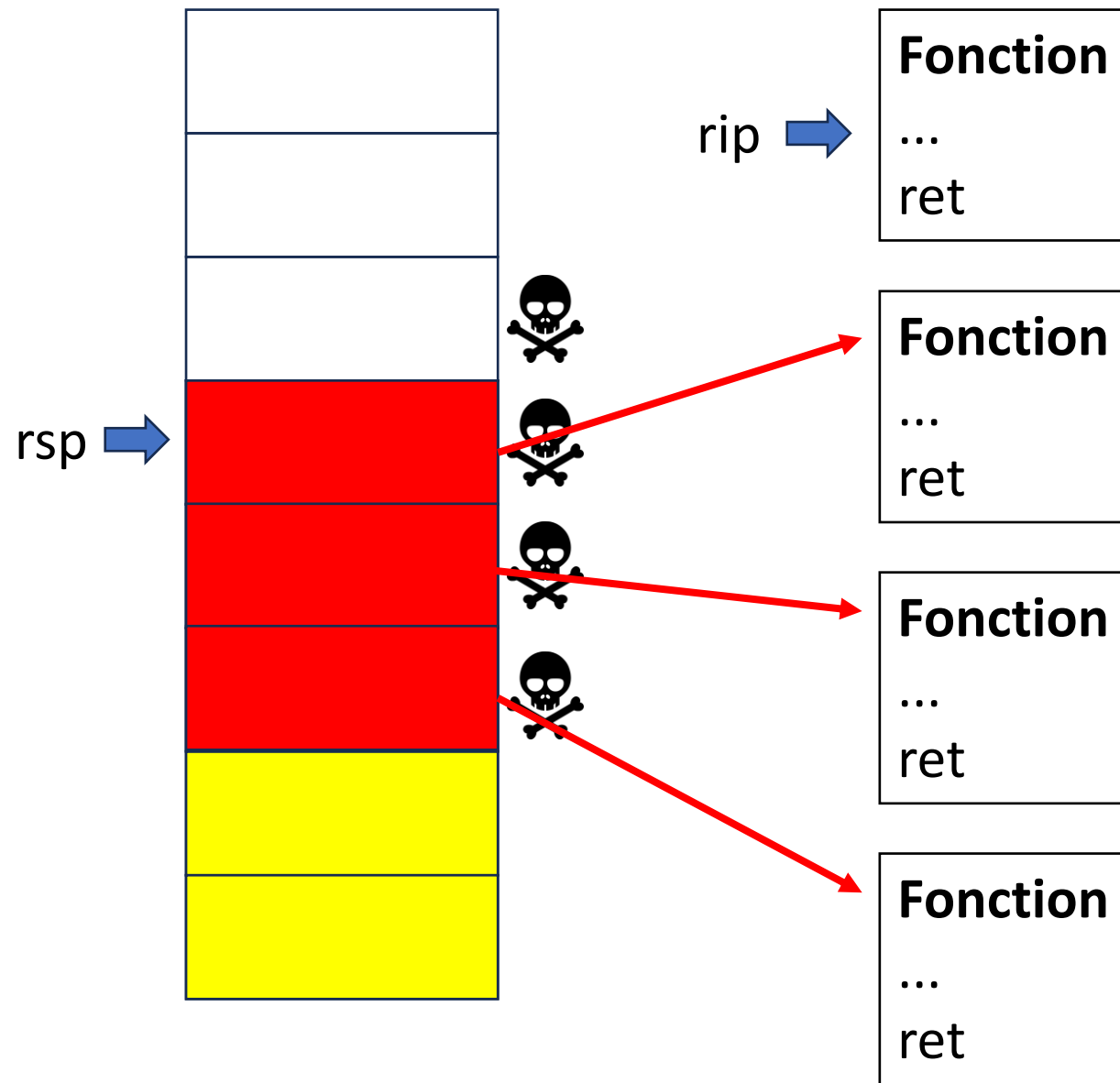




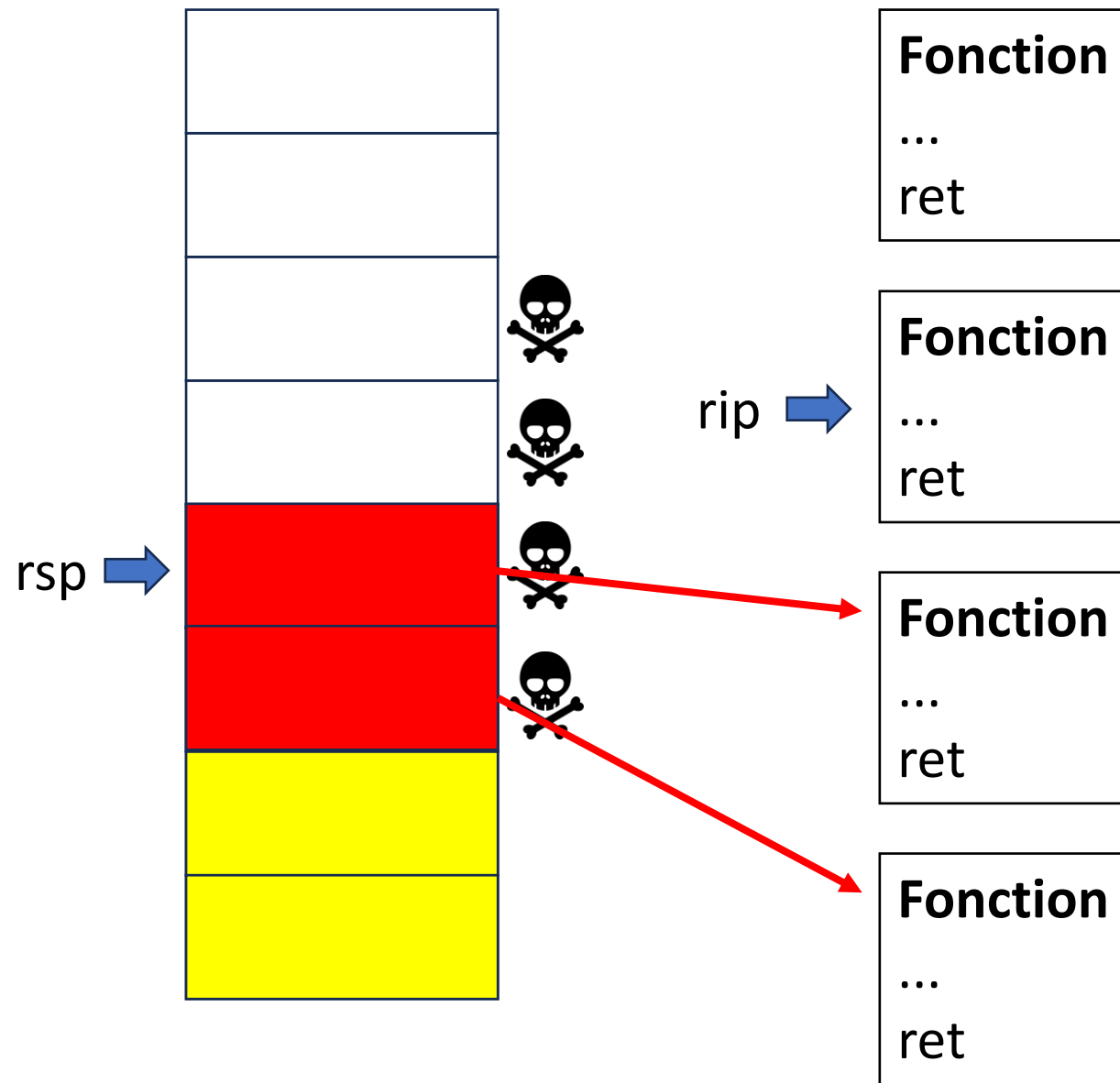






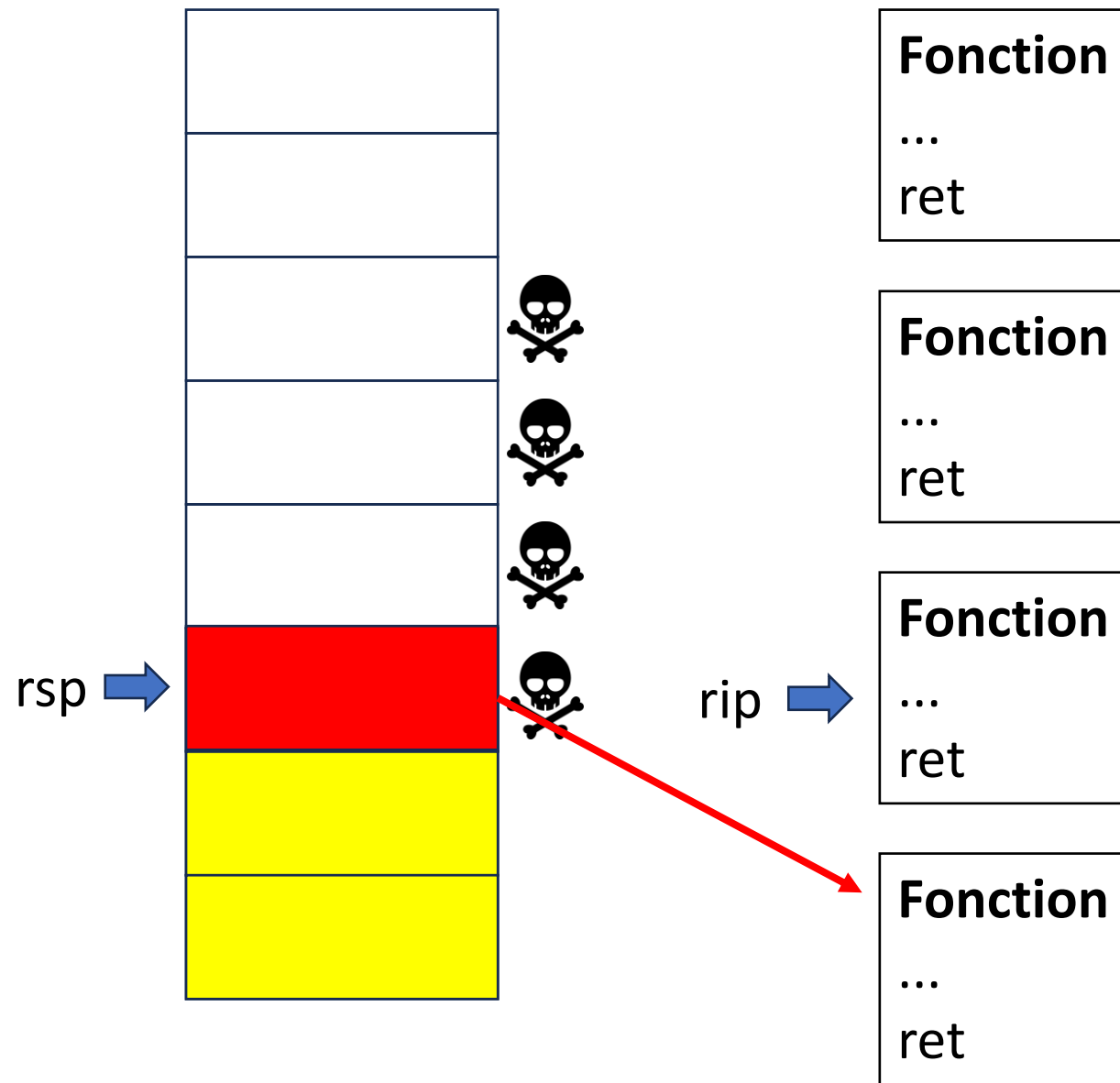


Fonction vulnérable
...
ret

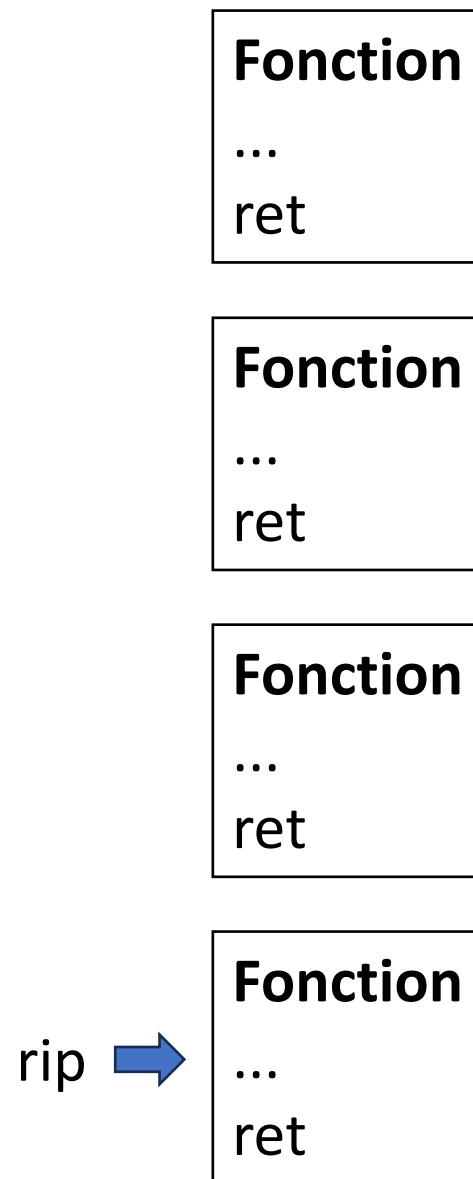
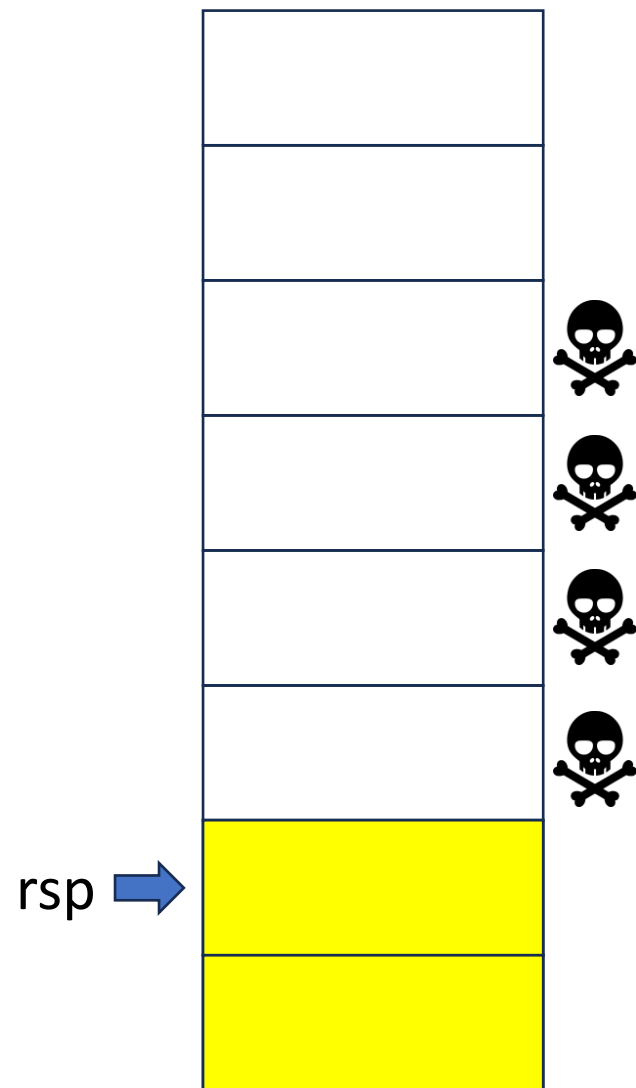


Fonction vulnérable

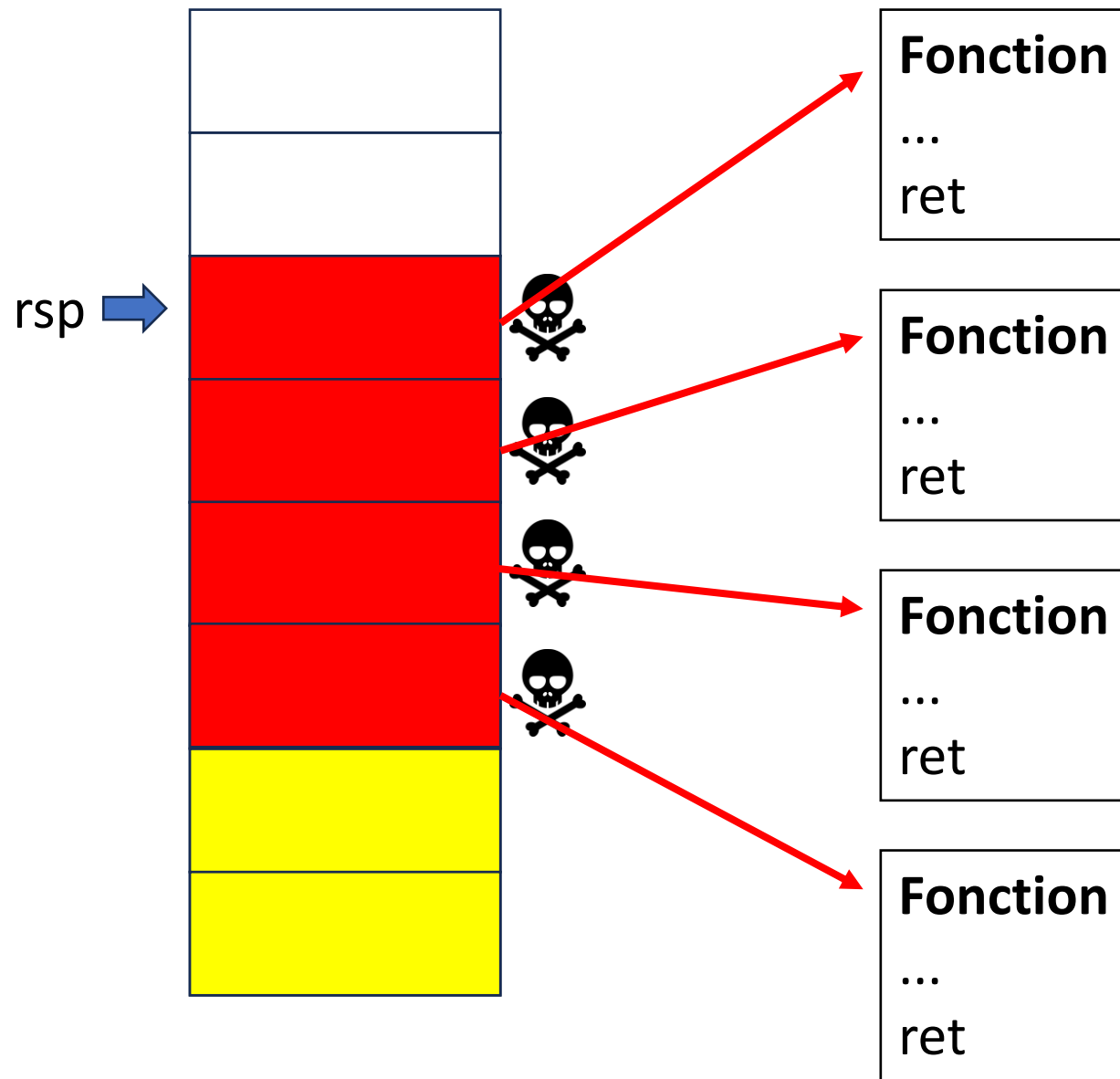
...
ret



Fonction vulnérable
...
ret

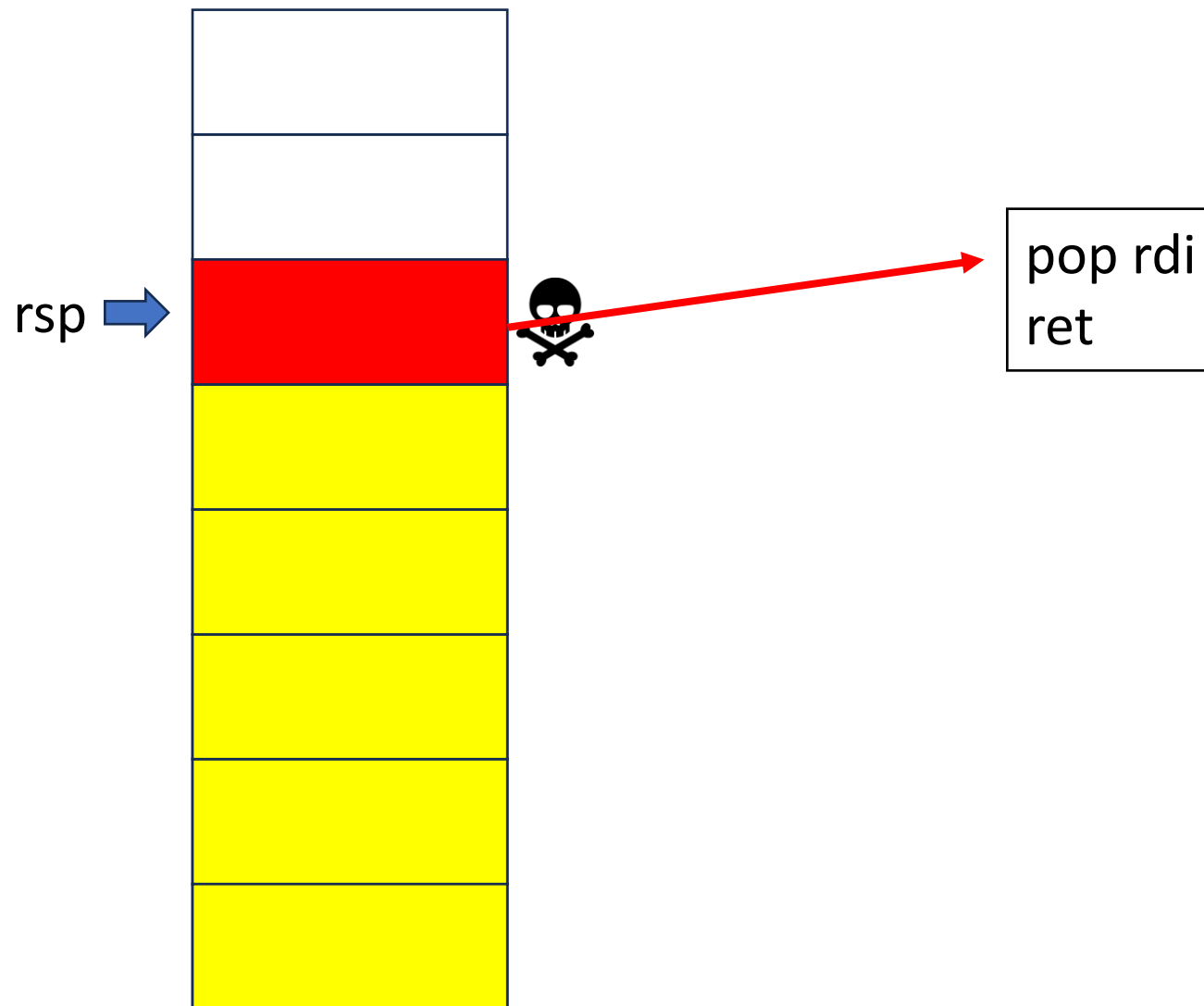


Fonction vulnérable
...
ret

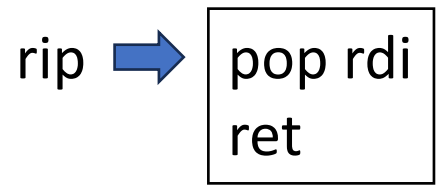
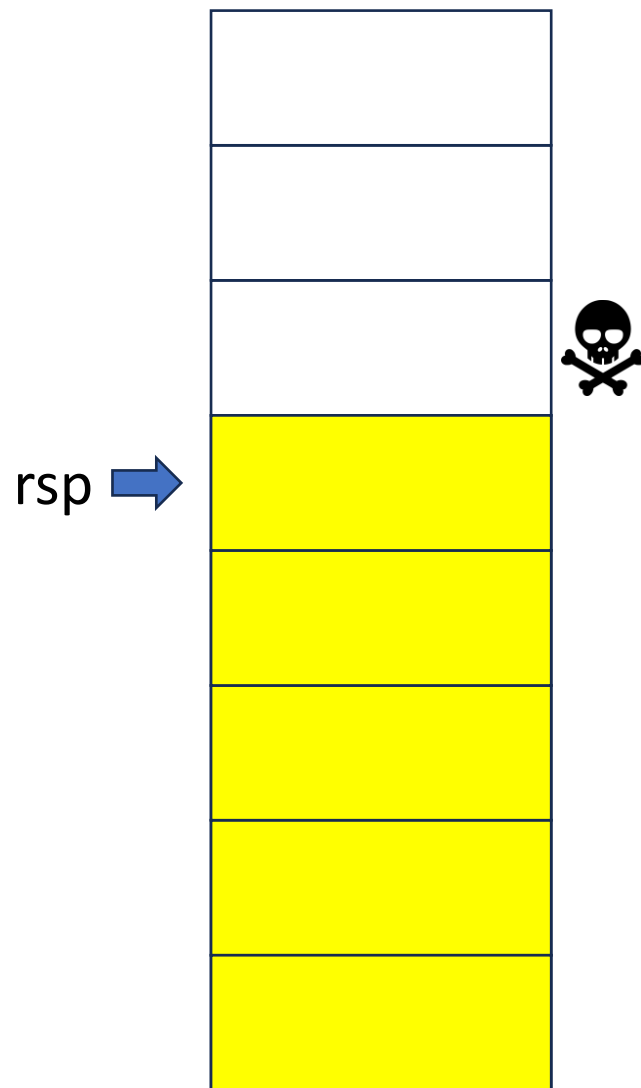


Fonction vulnérable		
...		
ret		
Arg 1	Rdi	???
Arg 2	Rsi	???
Arg 3	Rdx	???
Arg 4	Rcx	???

rip →

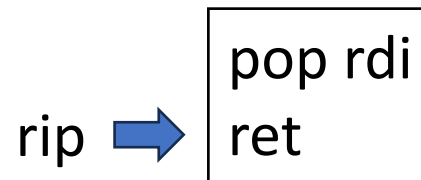
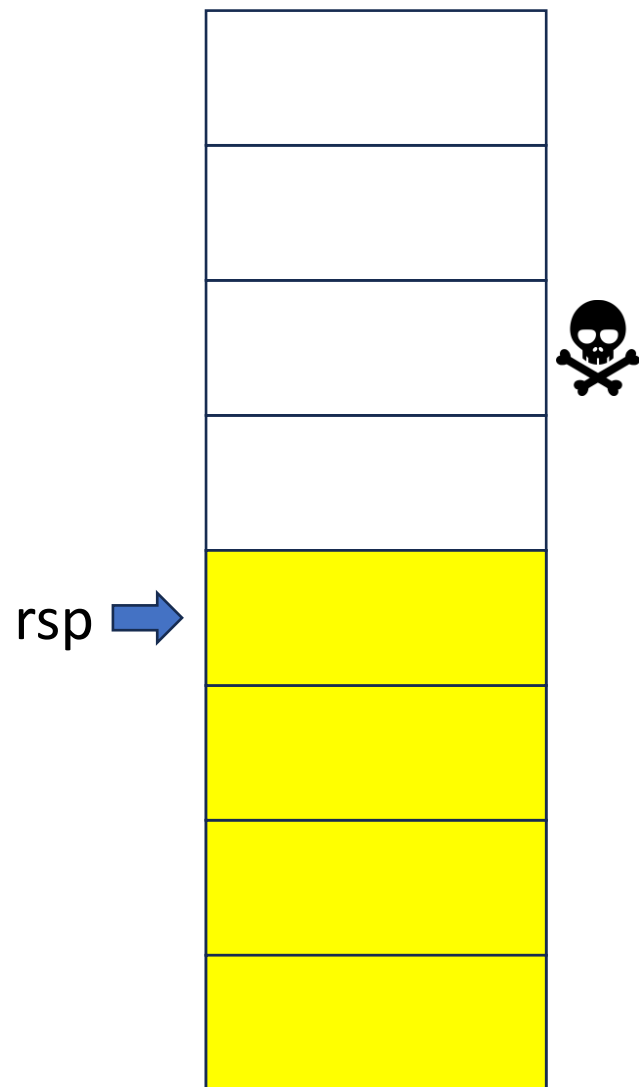


Fonction vulnérable		
...		
ret		
Arg 1	Rdi	???
Arg 2	Rsi	???
Arg 3	Rdx	???
Arg 4	Rcx	???



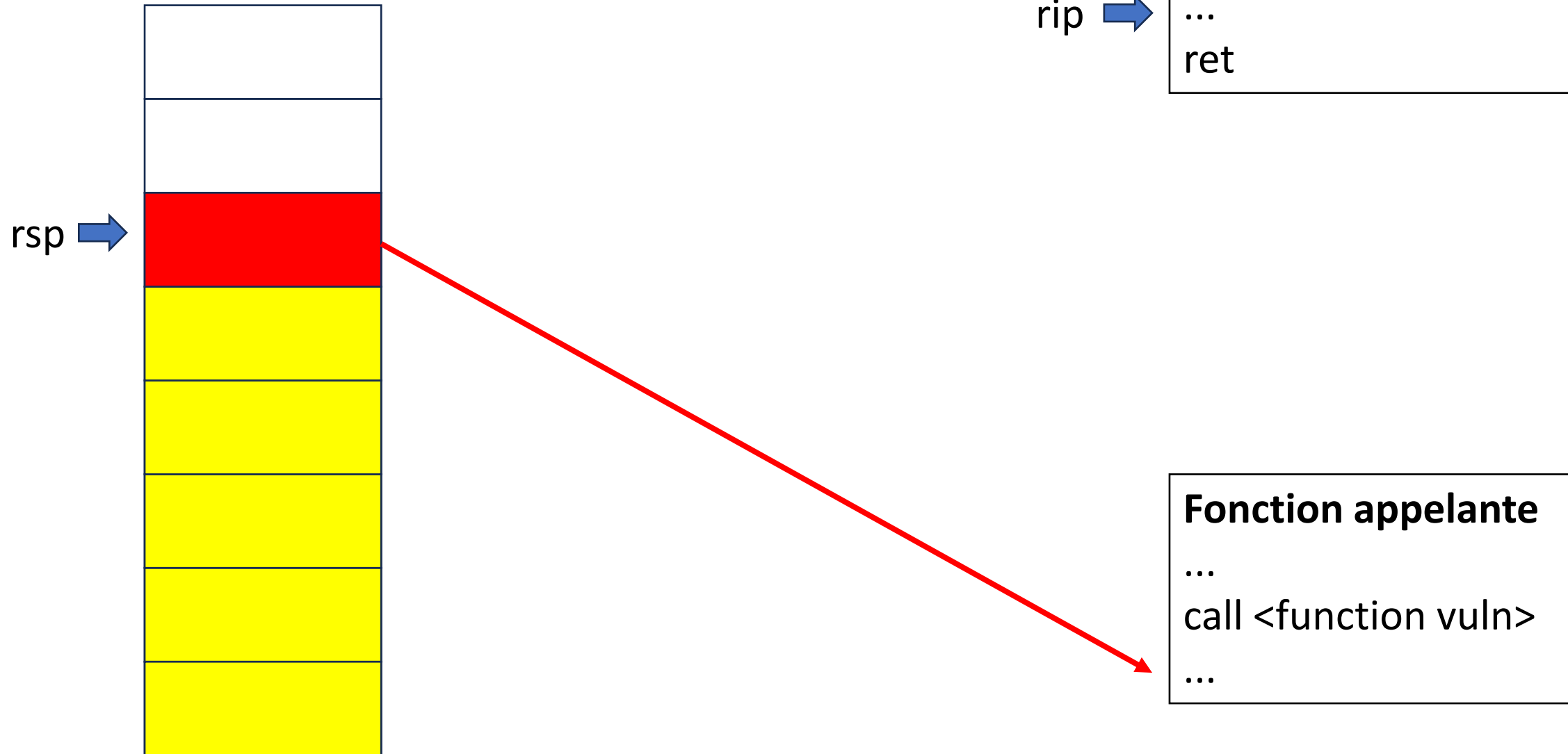
Fonction vulnérable
...
ret

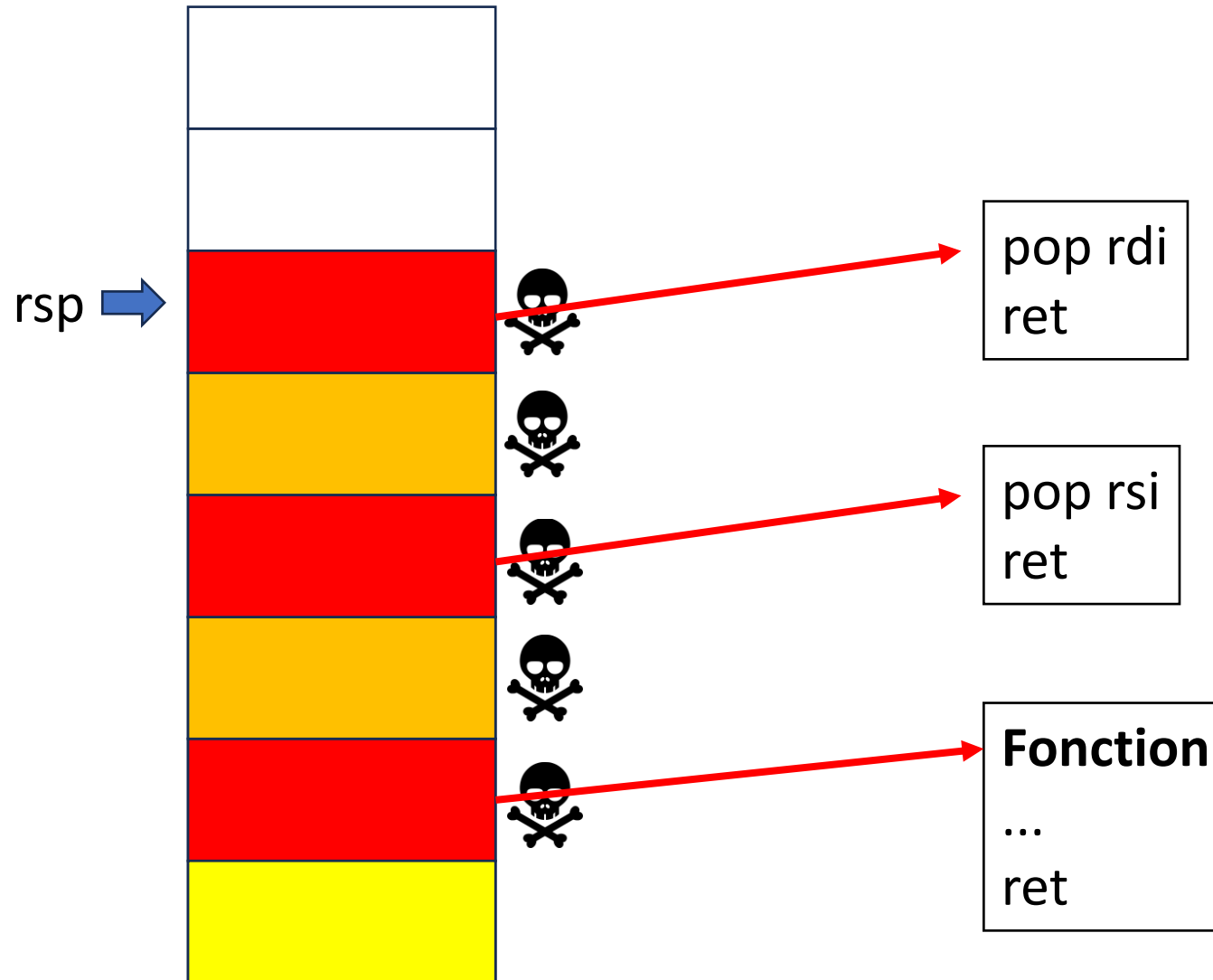
Arg 1	Rdi	???
Arg 2	Rsi	???
Arg 3	Rdx	???
Arg 4	Rcx	???



Fonction vulnérable
...
ret

Arg 1	Rdi	
Arg 2	Rsi	???
Arg 3	Rdx	???
Arg 4	Rcx	???

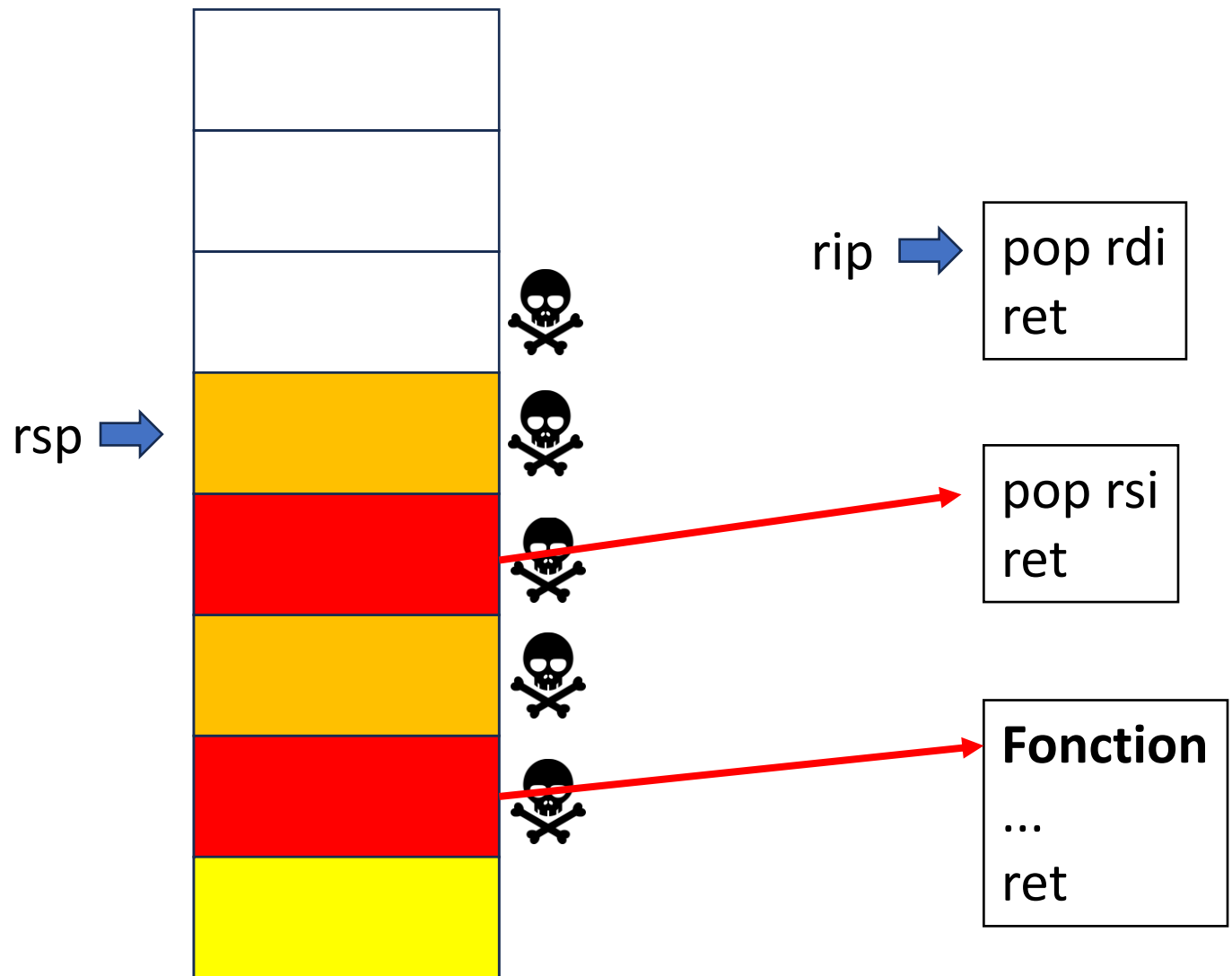




Fonction vulnérable		
...		
ret		

rip →

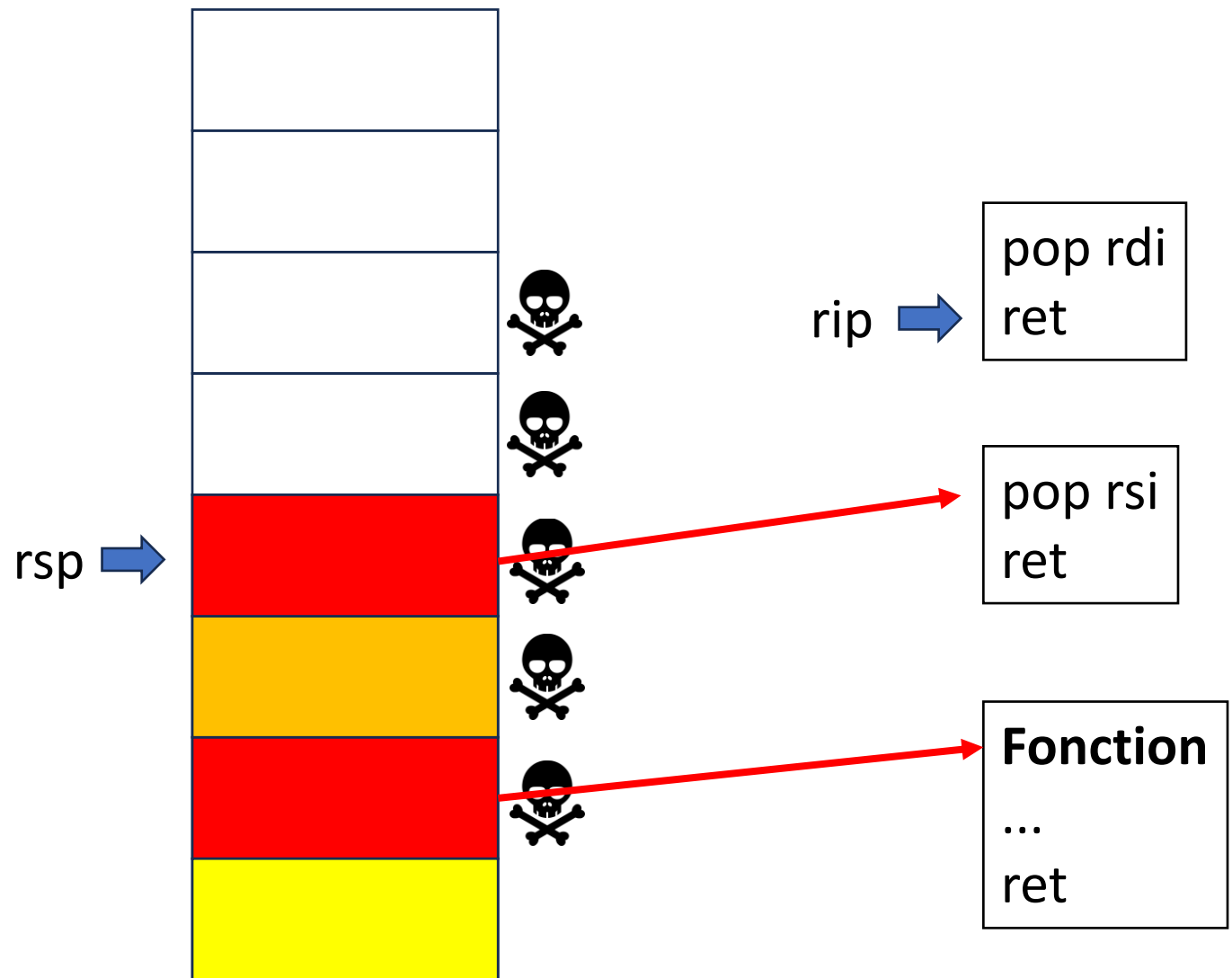
Arg 1	Rdi	???
Arg 2	Rsi	???
Arg 3	Rdx	???
Arg 4	Rcx	???



Fonction vulnérable

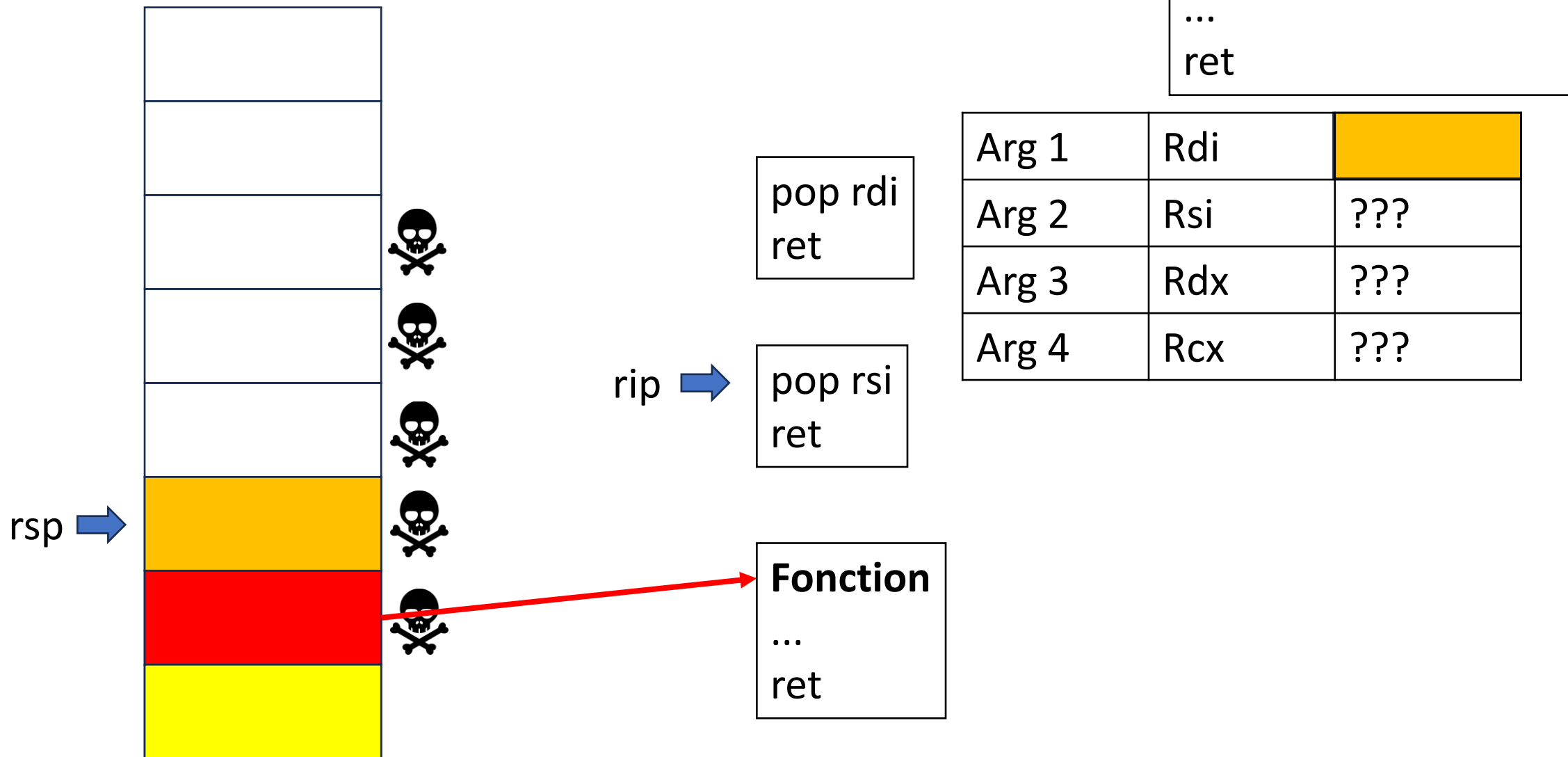
...
ret

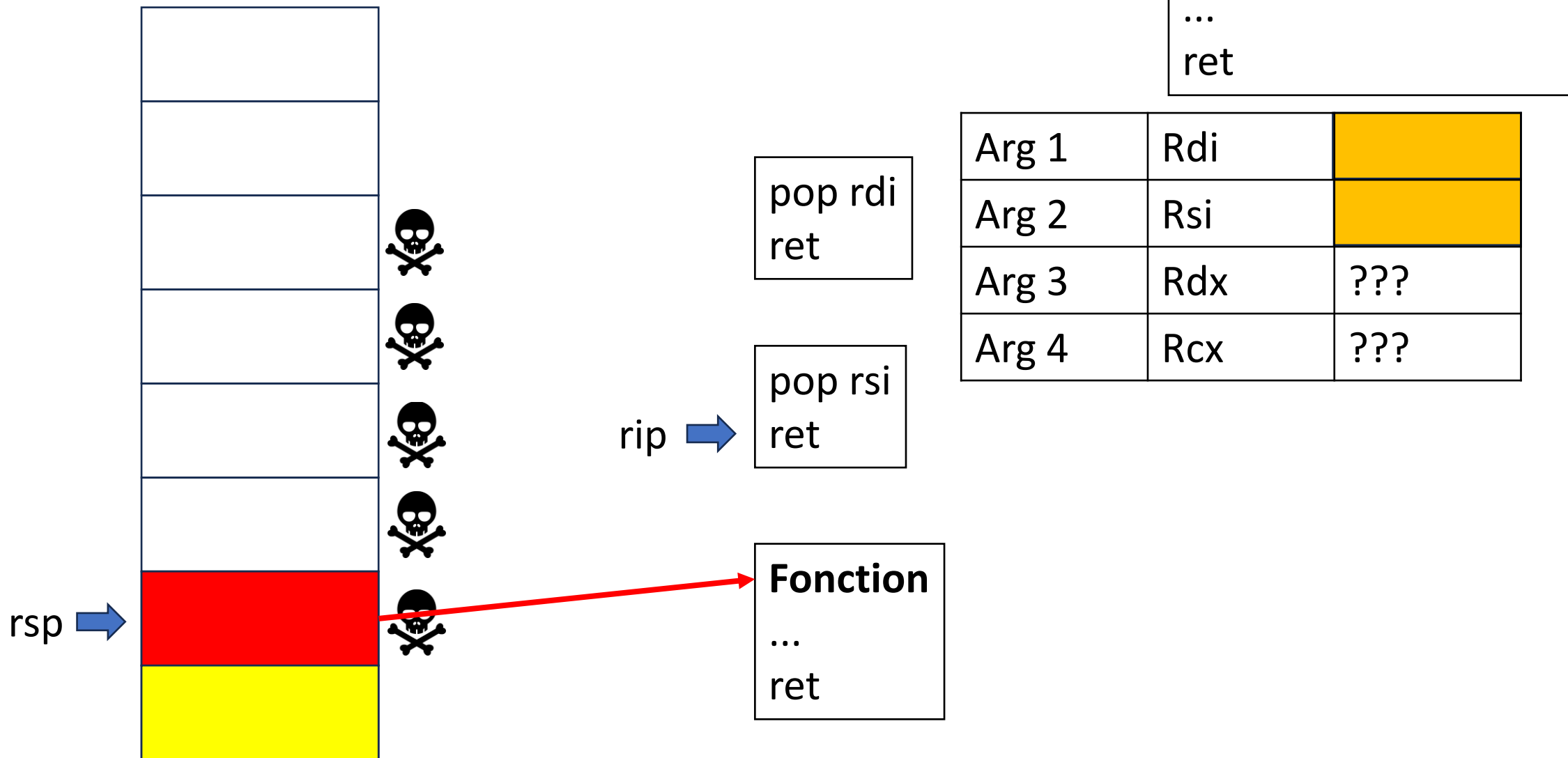
Arg 1	Rdi	???
Arg 2	Rsi	???
Arg 3	Rdx	???
Arg 4	Rcx	???

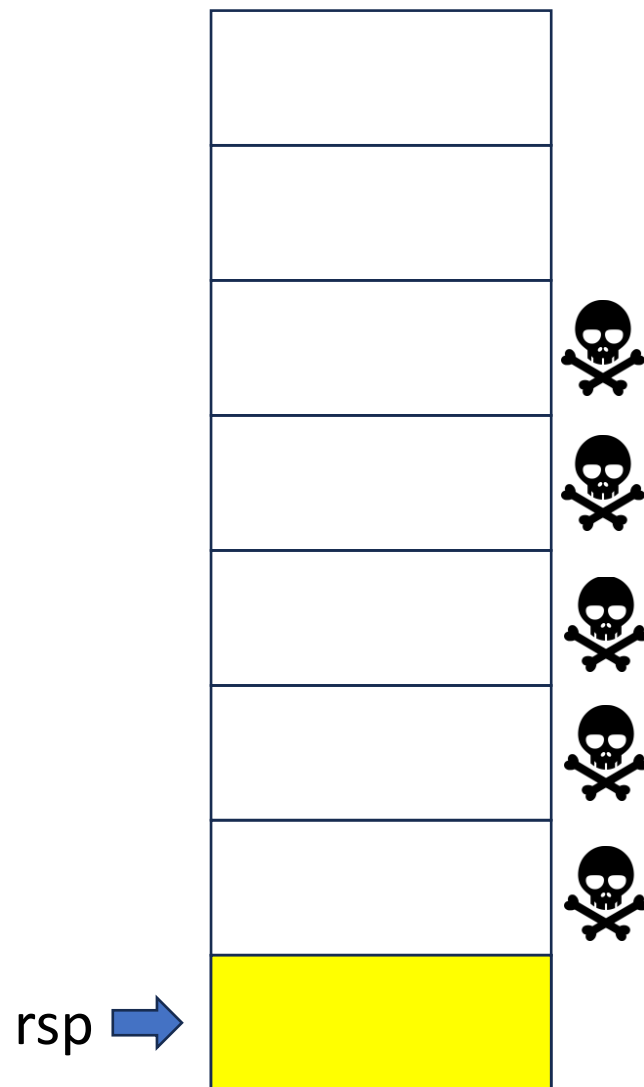


Fonction vulnérable
...
ret

Arg 1	Rdi	
Arg 2	Rsi	???
Arg 3	Rdx	???
Arg 4	Rcx	???







rip →

pop rdi
ret

pop rsi
ret

Fonction
...
ret

Fonction vulnérable
...
ret

Arg 1	Rdi	
Arg 2	Rsi	
Arg 3	Rdx	???
Arg 4	Rcx	???

0x...38

0x...40

0x...48 **rsp** →

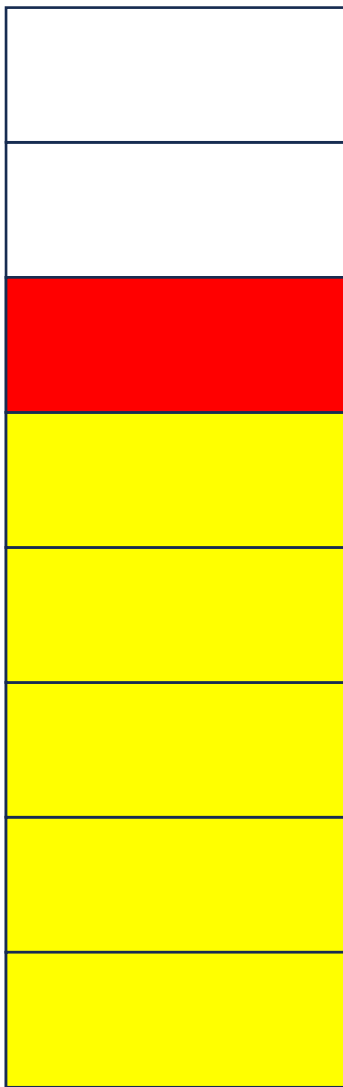
0x...50

0x...58

0x...60

0x...68

0x...70



0x...38

0x...40

0x...48

0x...50

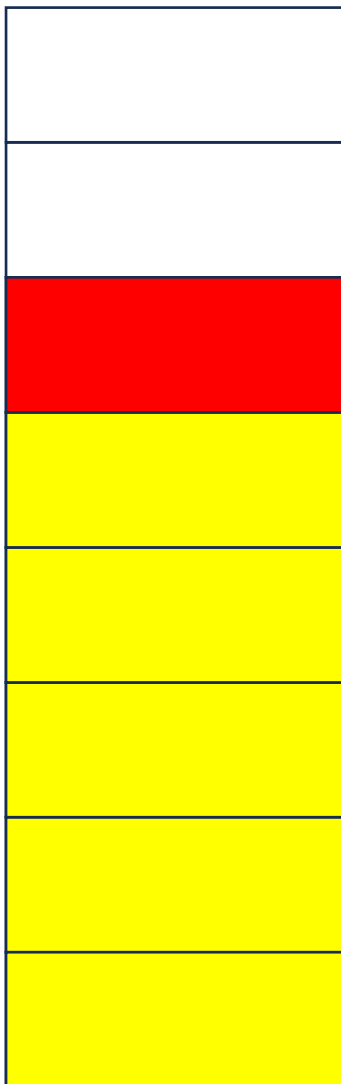
0x...58

0x...60

0x...68

0x...70

rsp →



Fonction

...
ret

0x...38

0x...40

0x...48

0x...50

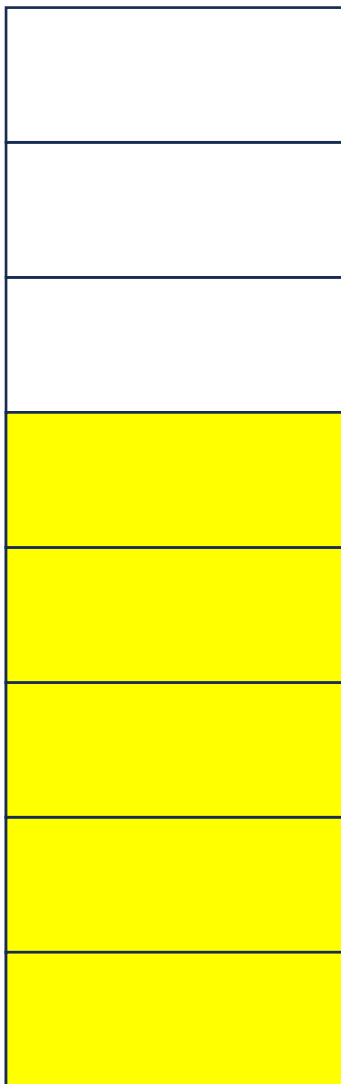
0x...58

0x...60

0x...68

0x...70

rsp →

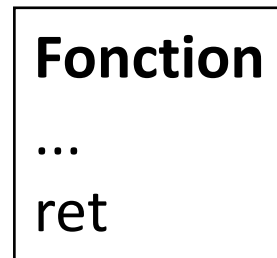


rip →

Fonction

...

ret



0x...38

0x...40

0x...48 **rsp** →

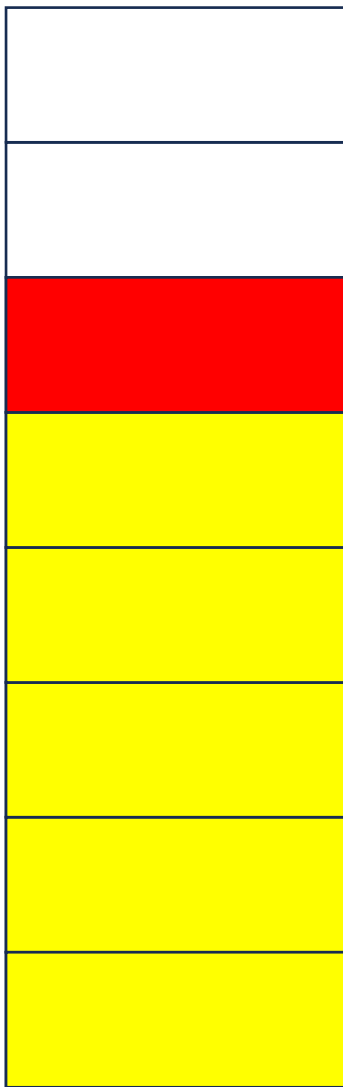
0x...50

0x...58

0x...60

0x...68

0x...70



0x...38

0x...40

0x...48  rsp

0x...50

0x...58

0x...60

0x...68

0x...70



ret

Fonction
...
ret

0x...38

0x...40

0x...48

0x...50  rsp

0x...58

0x...60

0x...68

0x...70



rip 

ret

Fonction
...
ret



0x...38

0x...40

0x...48

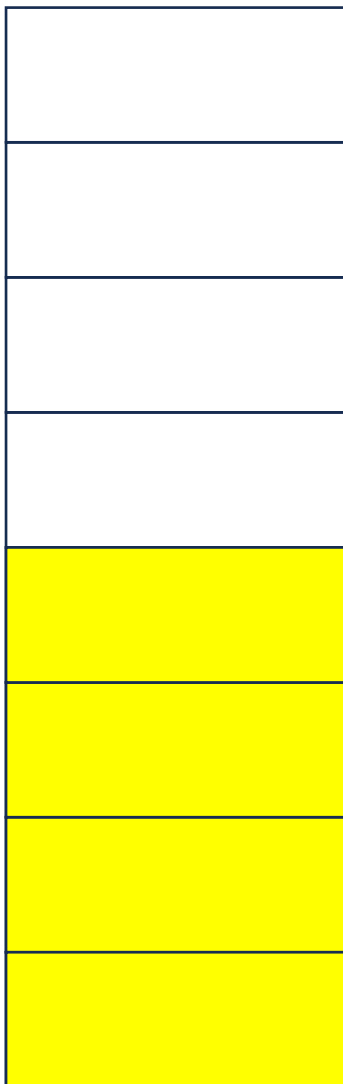
0x...50

0x...58 

0x...60

0x...68

0x...70

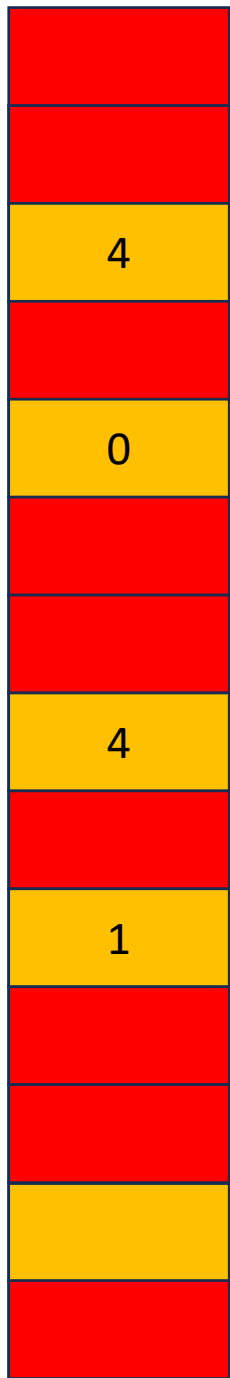


rip 

ret

Fonction
...
ret

```
dup2(4, 0);  
dup2(4, 1);  
system("/bin/sh");
```



ret

pop rdi
ret

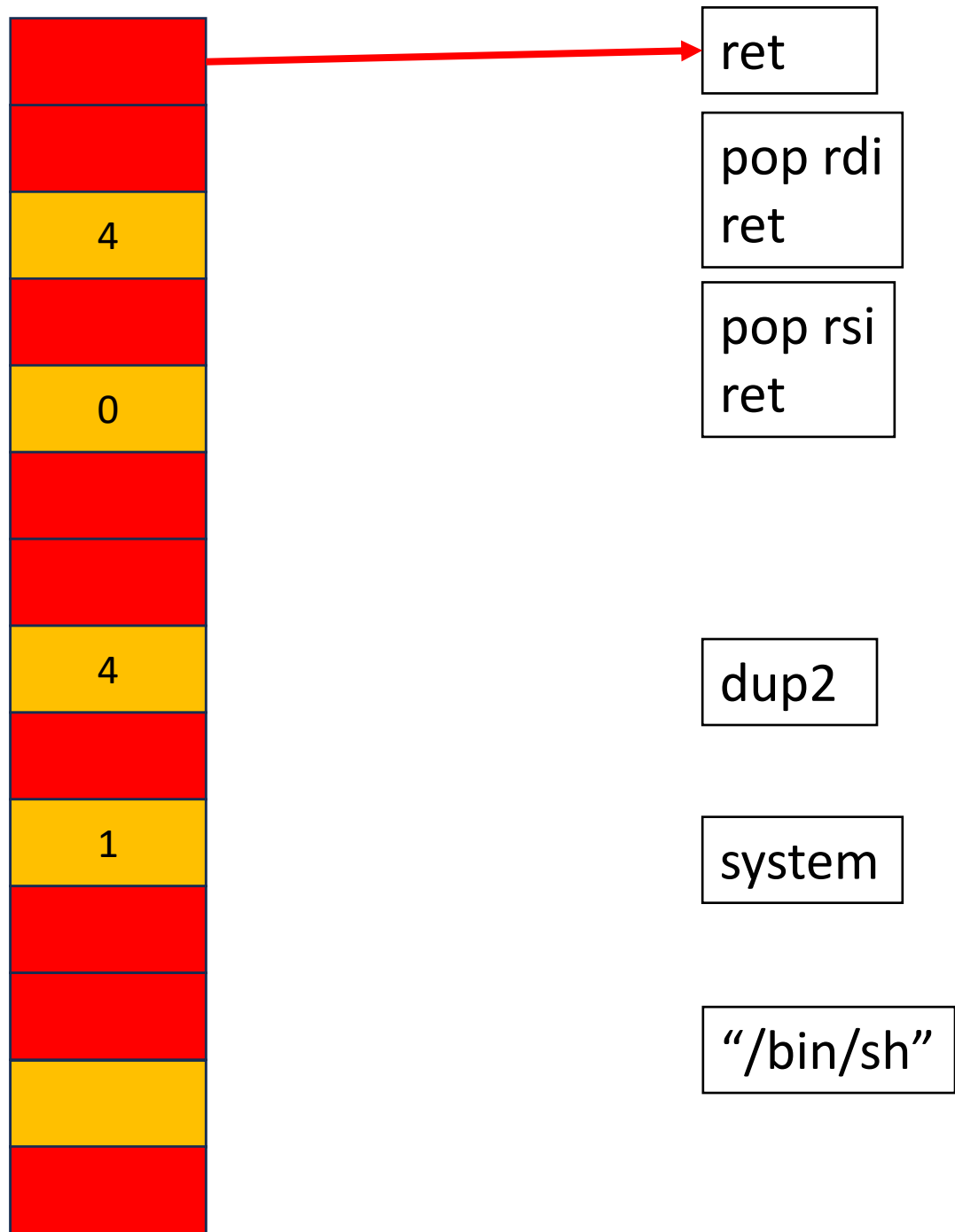
pop rsi
ret

dup2

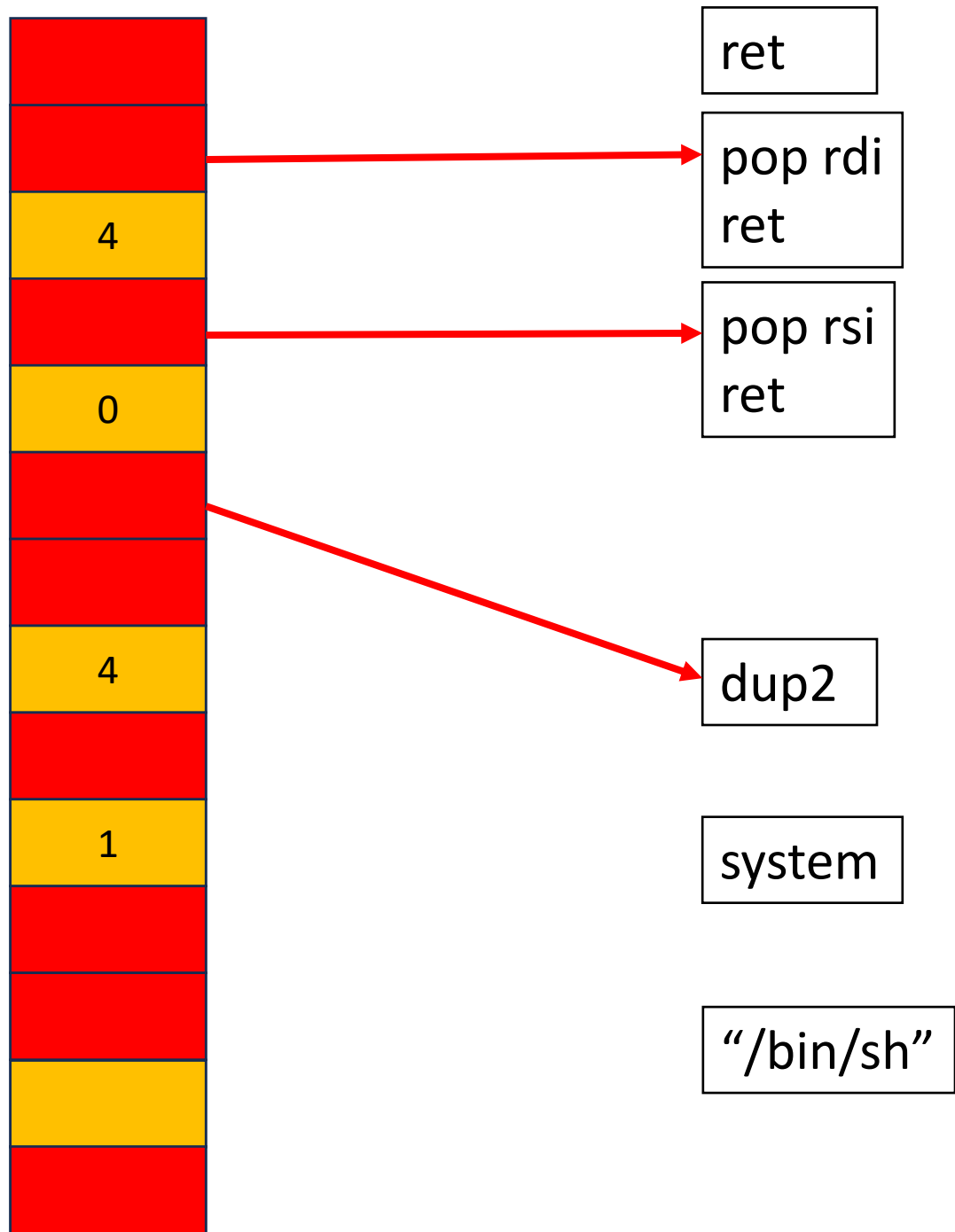
system

"/bin/sh"

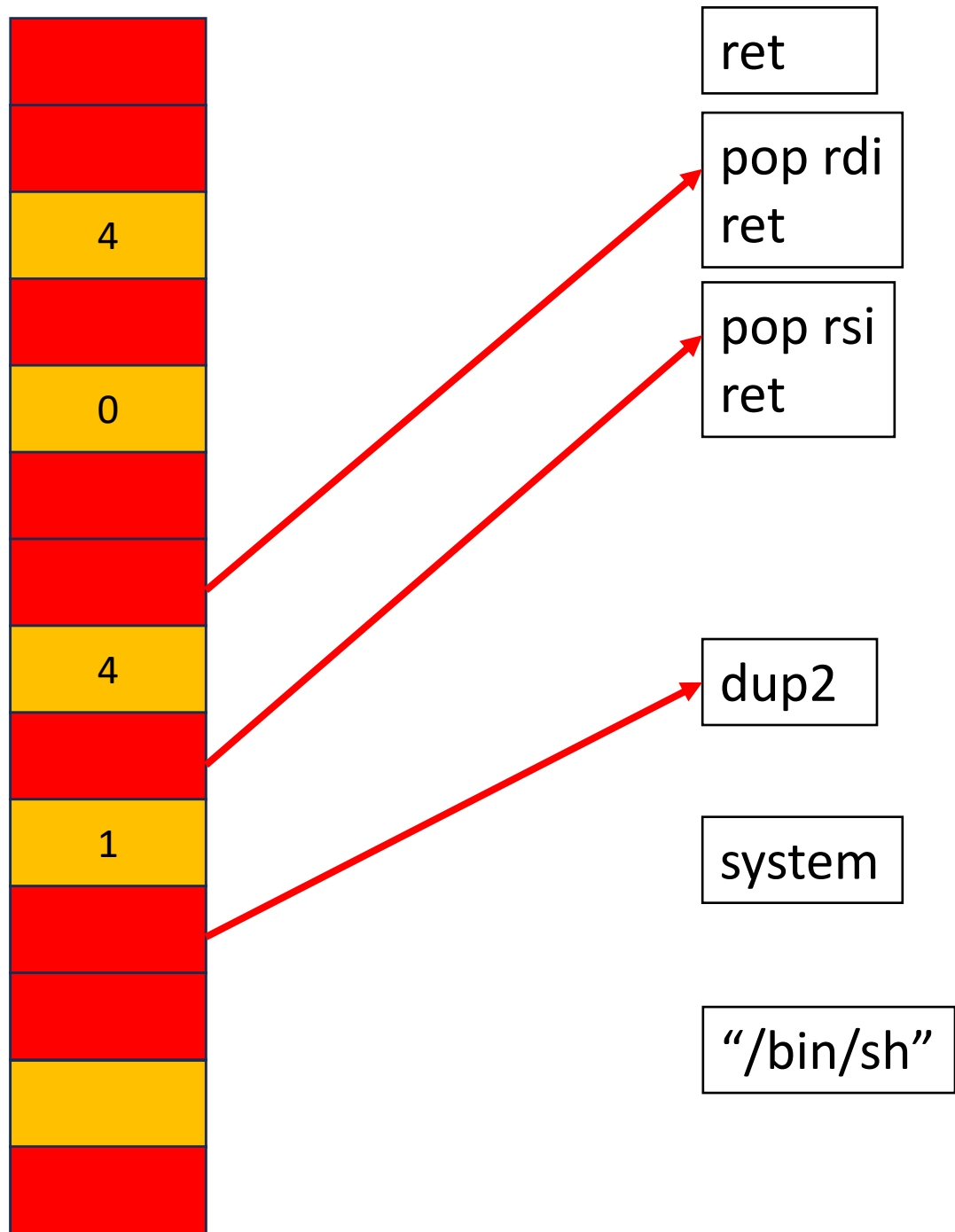
```
dup2(4, 0);  
dup2(4, 1);  
system("/bin/sh");
```



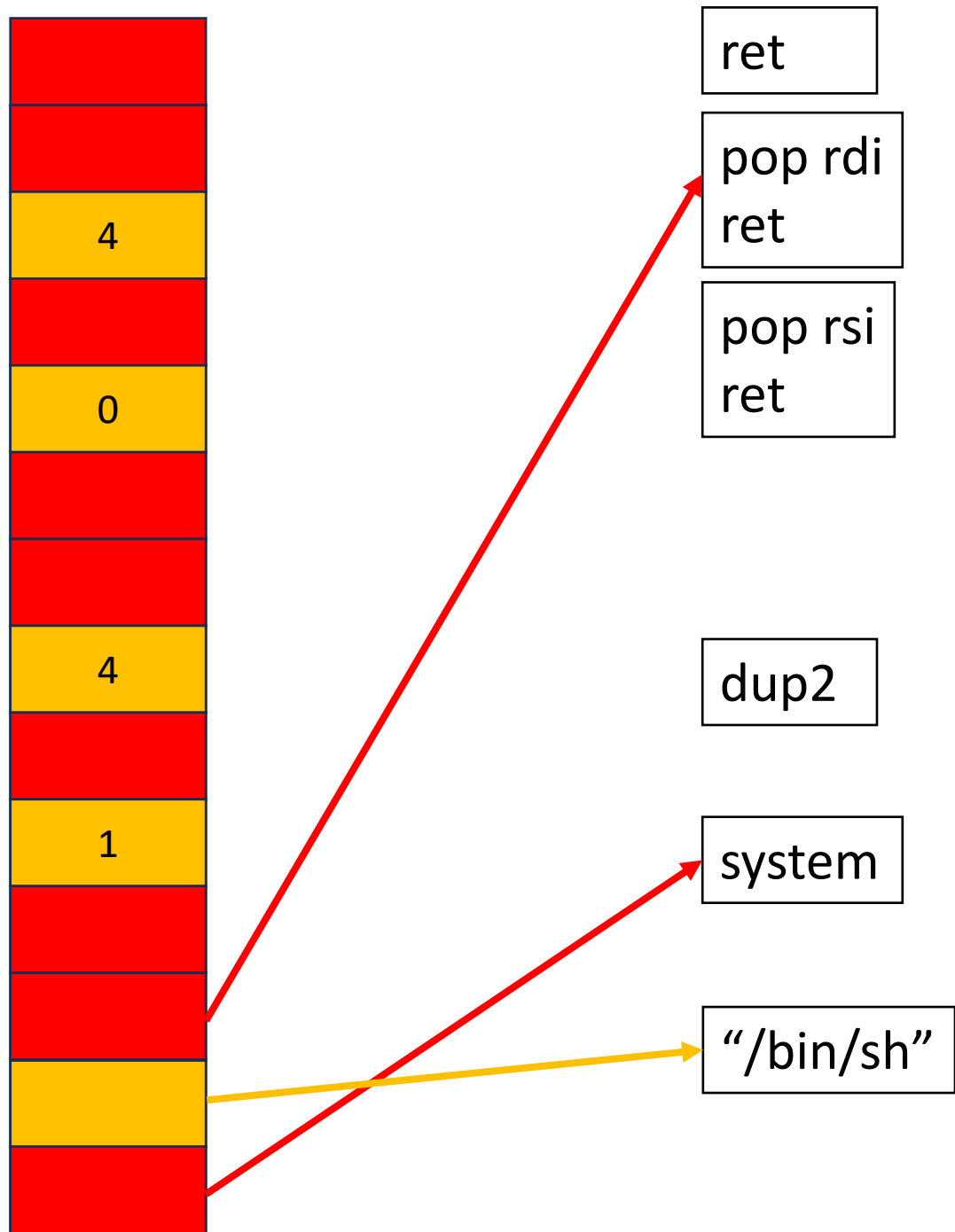
```
dup2(4, 0);  
dup2(4, 1);  
system("/bin/sh");
```



```
dup2(4, 0);  
dup2(4, 1);  
system("/bin/sh");
```



```
dup2(4, 0);  
dup2(4, 1);  
system("/bin/sh");
```



```
dup2(4, 0);  
dup2(4, 1);  
system("/bin/sh");
```