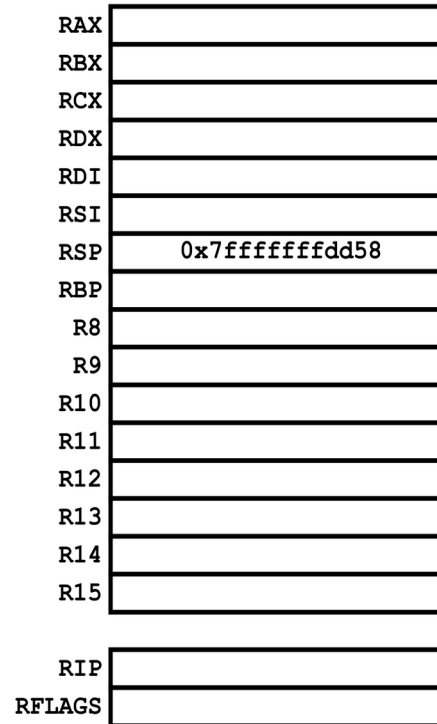
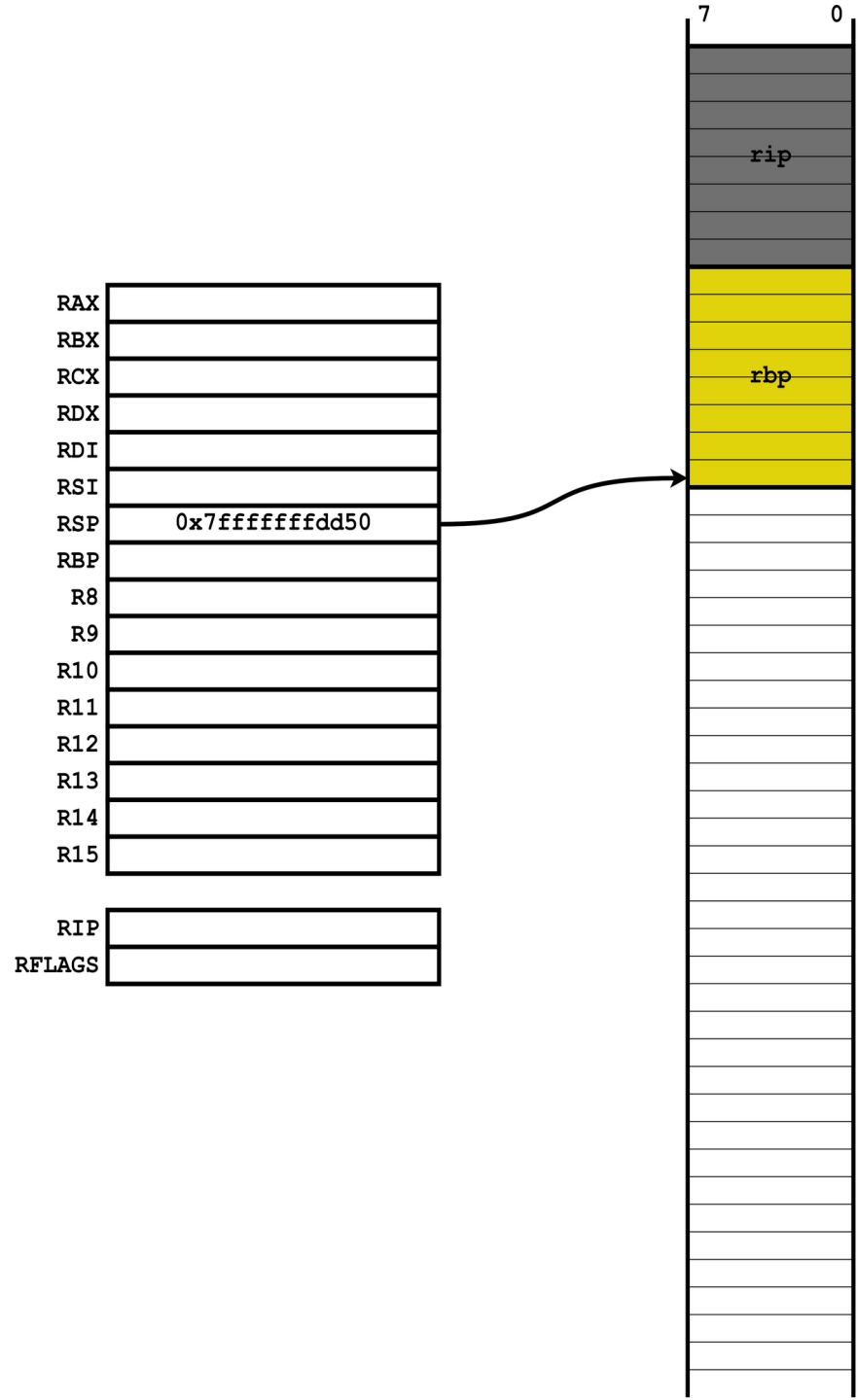


```
.text
        .global      call_proc
call_proc:
        push         %rbp
        mov          %rsp, %rbp
        sub          $16, %rsp
        movq         $1, -8(%rbp)
        movl         $2, -12(%rbp)
        movw         $3, -14(%rbp)
        movb         $-4, -15(%rbp)
        lea          -15(%rbp), %r8
        push         %r8
        movb         -15(%rbp), %dil
        push         %rdi
        lea          -14(%rbp), %r9
        movw         -14(%rbp), %r8w
        lea          -12(%rbp), %rcx
        movl         -12(%rbp), %edx
        lea          -8(%rbp), %rsi
        movq         -8(%rbp), %rdi
        call         proc
        movslq       -12(%rbp), %rdx
        movq         -8(%rbp), %rcx
        add          %rdx, %rcx
        movswl       -14(%rbp), %edx
        movsbl       -15(%rbp), %eax
        sub          %eax, %edx
        mov          %edx, %eax
        cltq
        imul         %rcx, %rax
        mov          %rbp, %rsp
        pop          %rbp
        ret
```



Stack frame

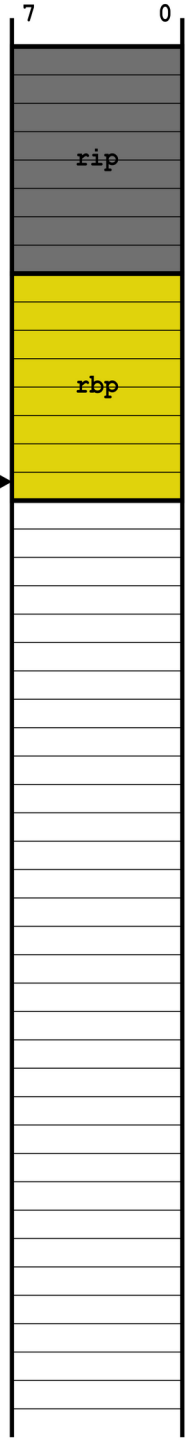
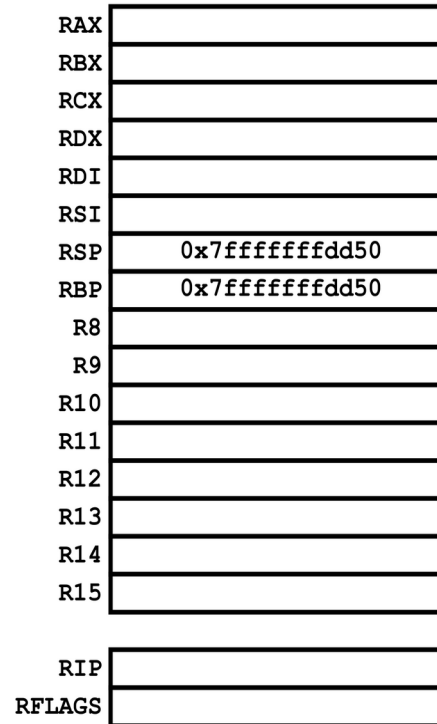
```
.text
.global    call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret
```



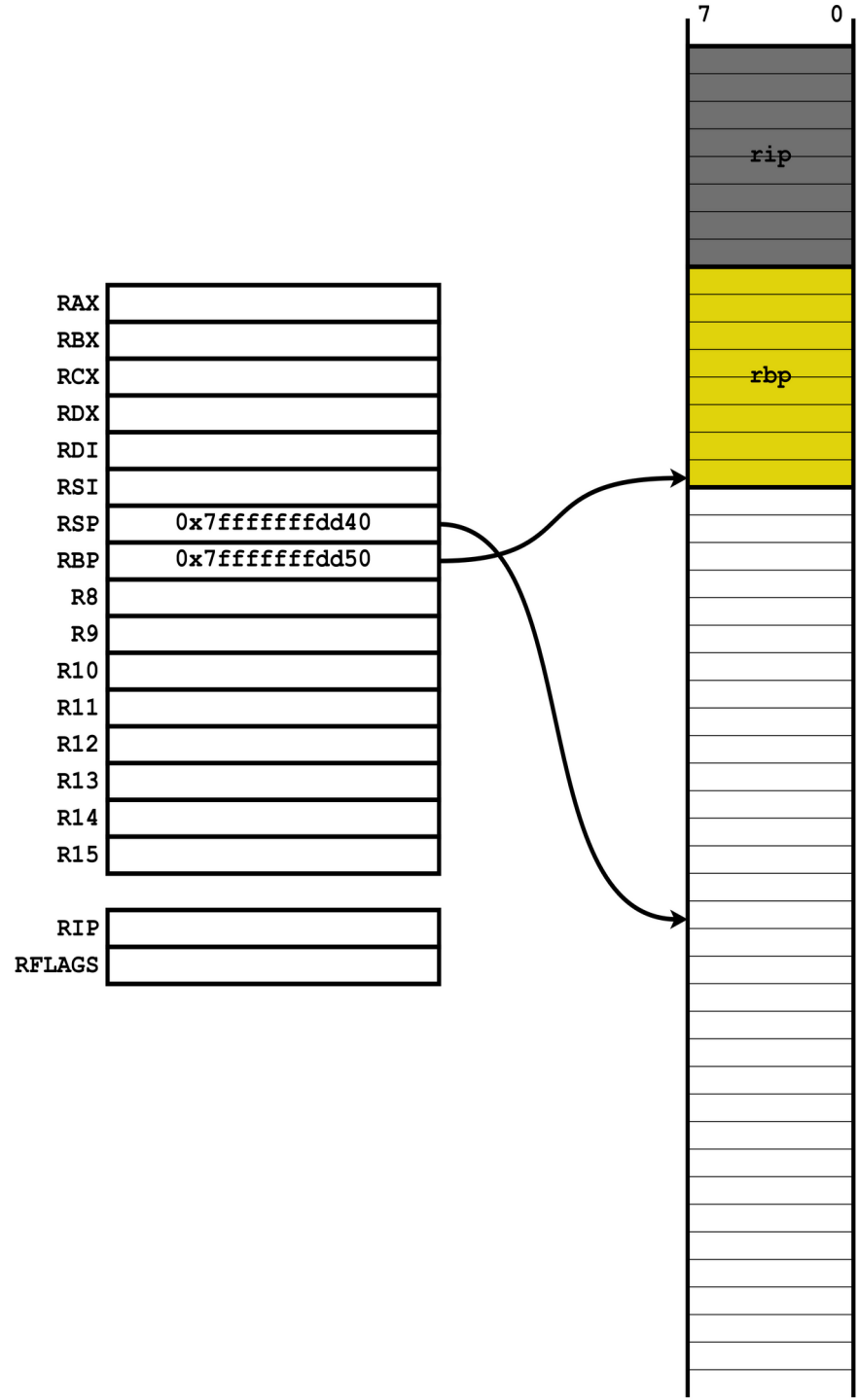
```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

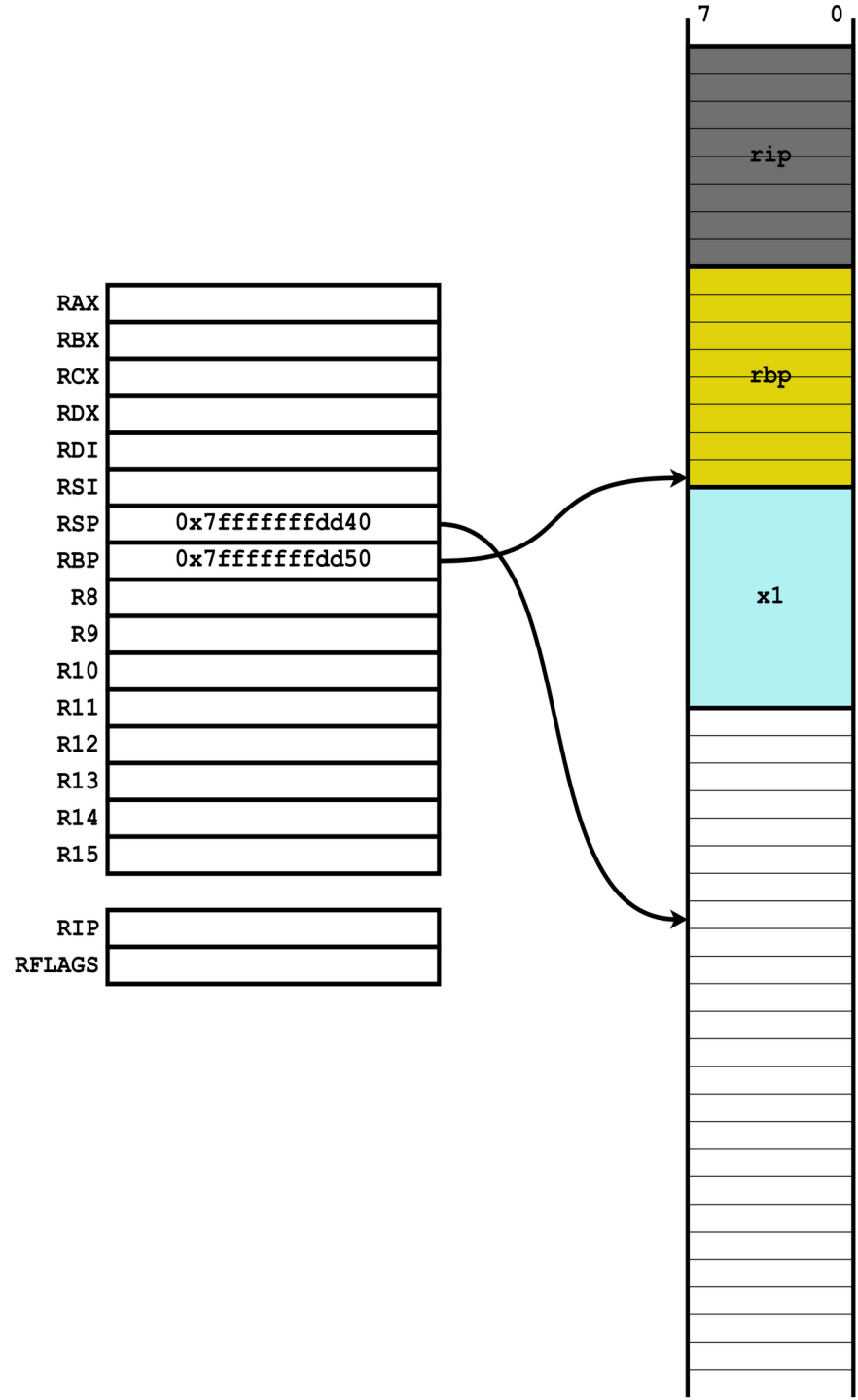
```



```
.text
        .global      call_proc
call_proc:
        push         %rbp
        mov          %rsp, %rbp
        sub          $16, %rsp
        movq         $1, -8(%rbp)
        movl         $2, -12(%rbp)
        movw         $3, -14(%rbp)
        movb         $-4, -15(%rbp)
        lea          -15(%rbp), %r8
        push         %r8
        movb         -15(%rbp), %dil
        push         %rdi
        lea          -14(%rbp), %r9
        movw         -14(%rbp), %r8w
        lea          -12(%rbp), %rcx
        movl         -12(%rbp), %edx
        lea          -8(%rbp), %rsi
        movq         -8(%rbp), %rdi
        call         proc
        movslq       -12(%rbp), %rdx
        movq         -8(%rbp), %rcx
        add          %rdx, %rcx
        movswl       -14(%rbp), %edx
        movsbl       -15(%rbp), %eax
        sub          %eax, %edx
        mov          %edx, %eax
        cltq
        imul         %rcx, %rax
        mov          %rbp, %rsp
        pop          %rbp
        ret
```



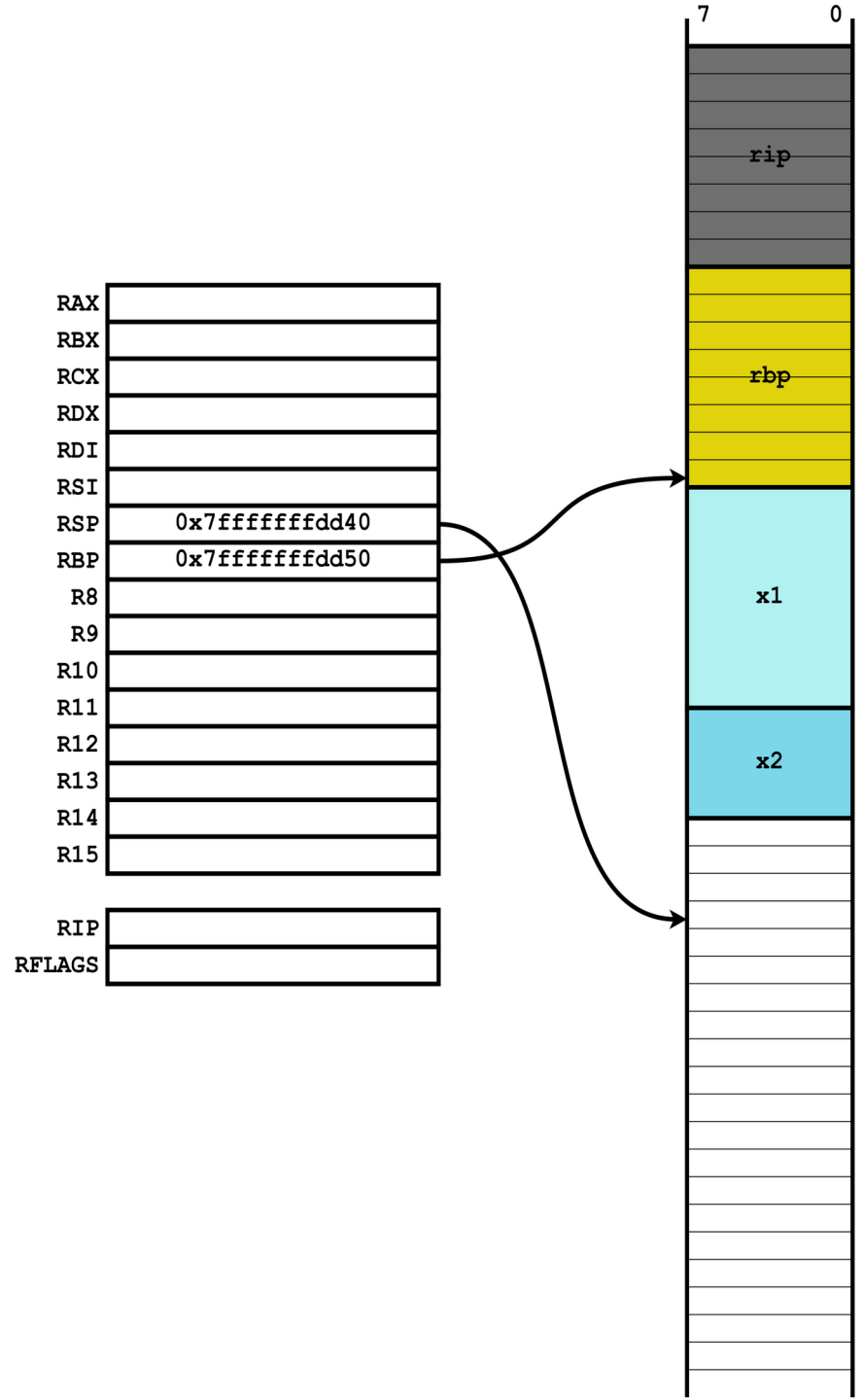
```
.text
        .global      call_proc
call_proc:
        push         %rbp
        mov          %rsp, %rbp
        sub          $16, %rsp
        movq         $1, -8(%rbp)
        movl         $2, -12(%rbp)
        movw         $3, -14(%rbp)
        movb         $-4, -15(%rbp)
        lea          -15(%rbp), %r8
        push         %r8
        movb         -15(%rbp), %dil
        push         %rdi
        lea          -14(%rbp), %r9
        movw         -14(%rbp), %r8w
        lea          -12(%rbp), %rcx
        movl         -12(%rbp), %edx
        lea          -8(%rbp), %rsi
        movq         -8(%rbp), %rdi
        call         proc
        movslq       -12(%rbp), %rdx
        movq         -8(%rbp), %rcx
        add          %rdx, %rcx
        movswl       -14(%rbp), %edx
        movsbl       -15(%rbp), %eax
        sub          %eax, %edx
        mov          %edx, %eax
        cltq
        imul         %rcx, %rax
        mov          %rbp, %rsp
        pop          %rbp
        ret
```



```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

```

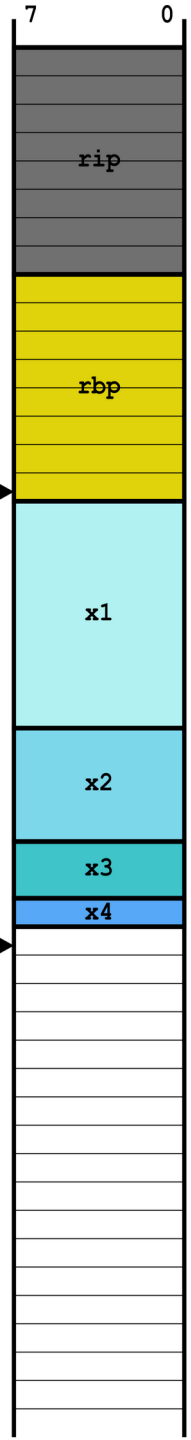



```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

```

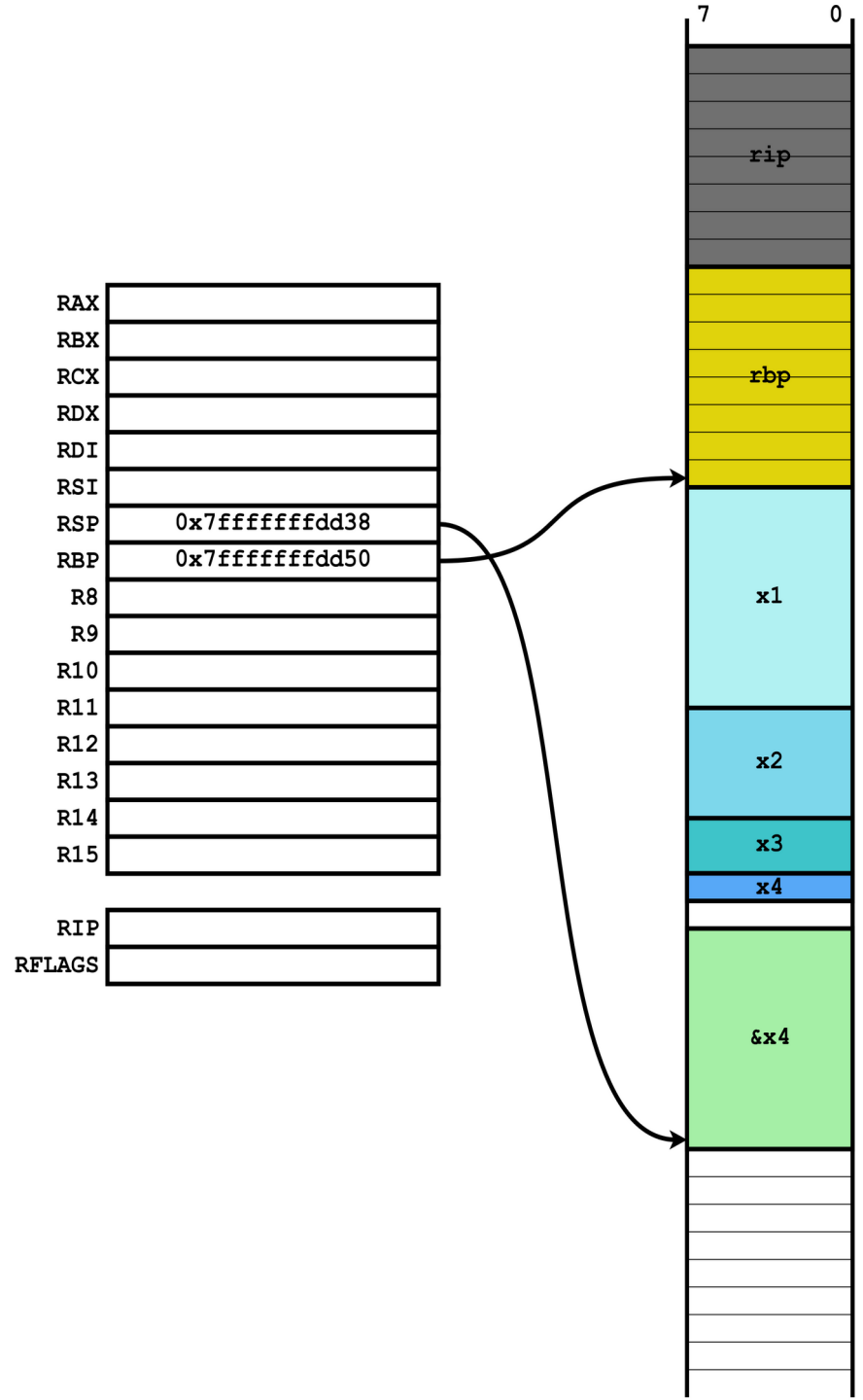
RAX	
RBX	
RCX	
RDX	
RDI	
RSI	
RSP	0x7fffffffdd40
RBP	0x7fffffffdd50
R8	
R9	
R10	
R11	
R12	
R13	
R14	
R15	
RIP	
RFLAGS	




```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

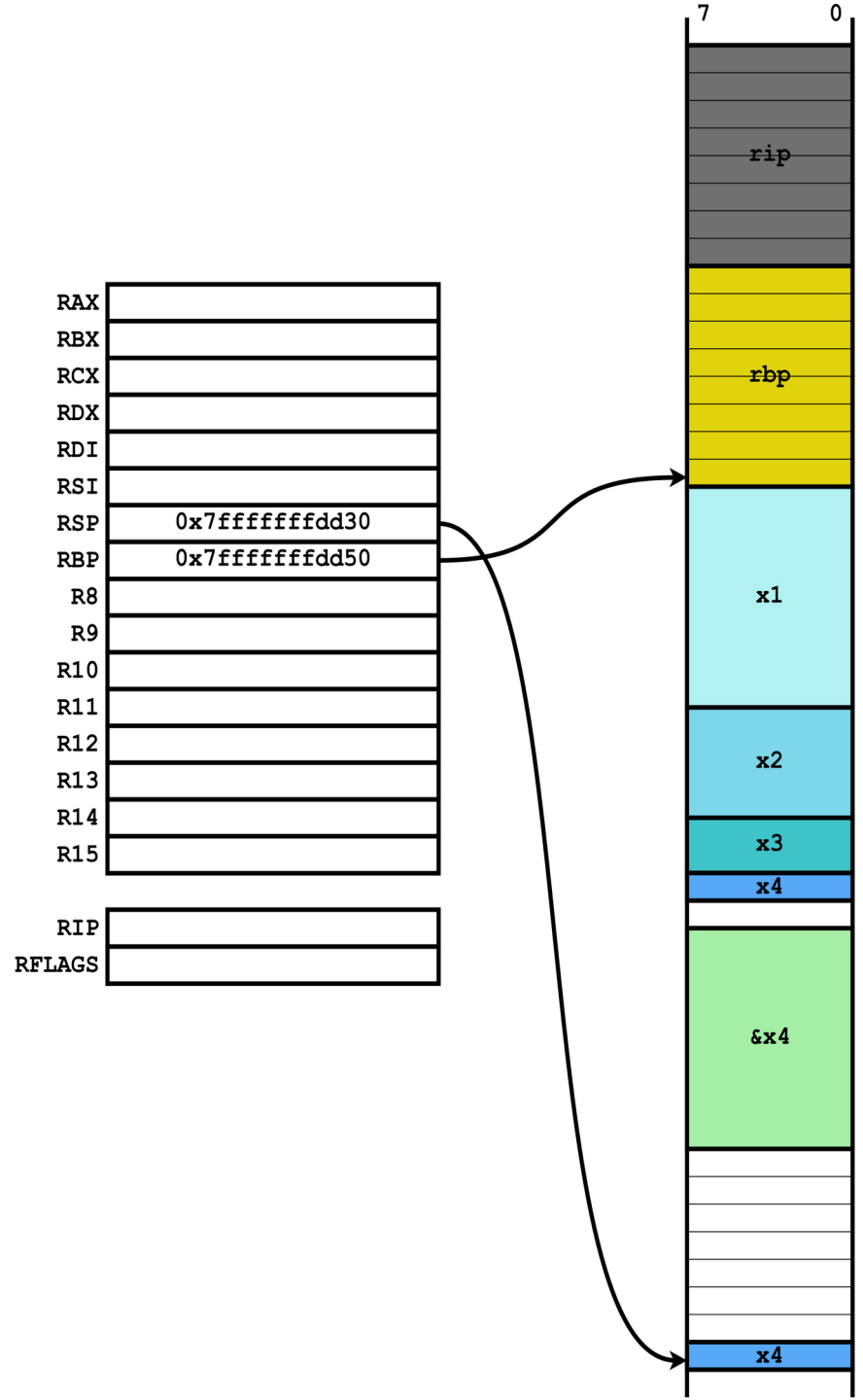
```

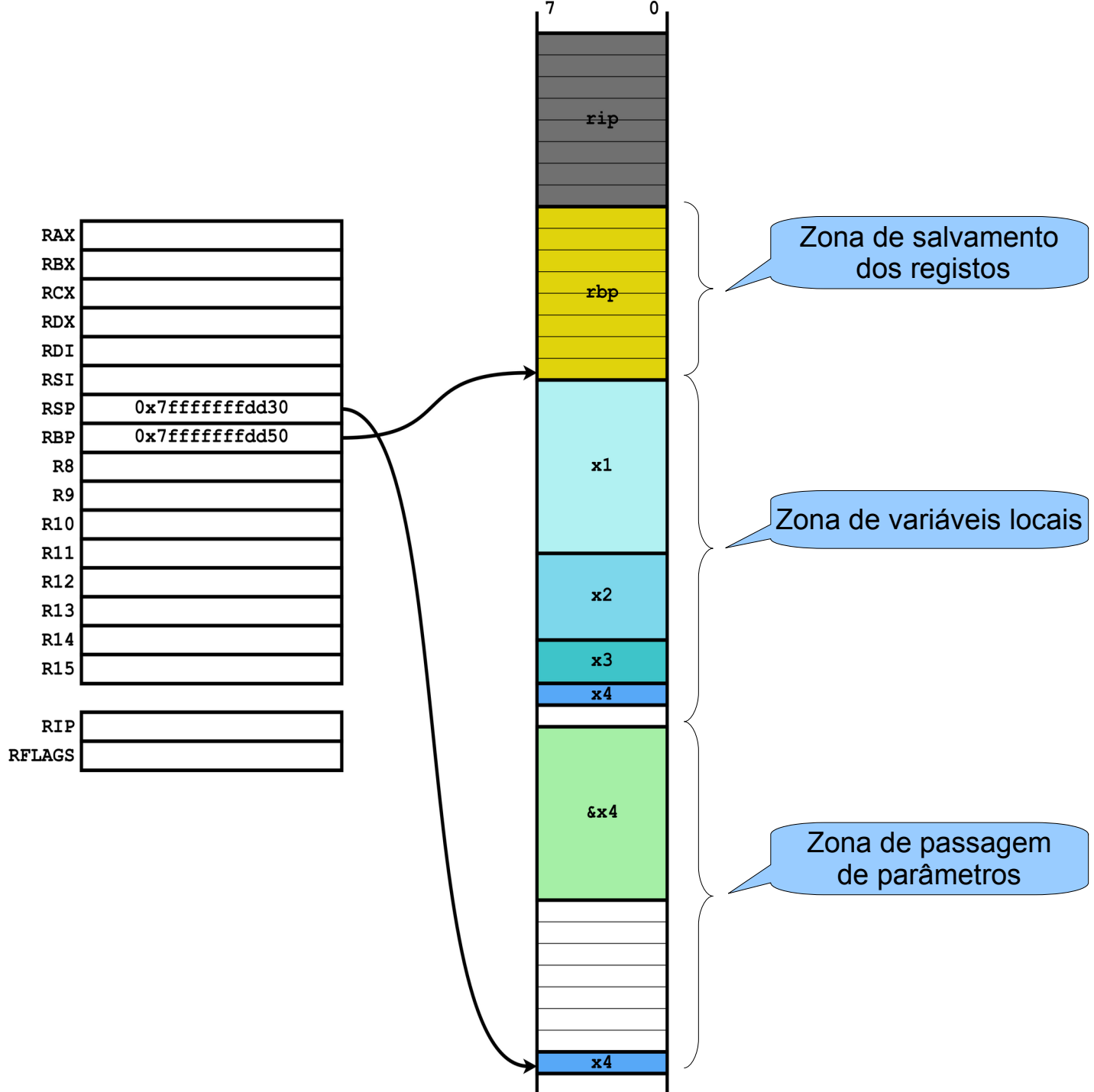


```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

```

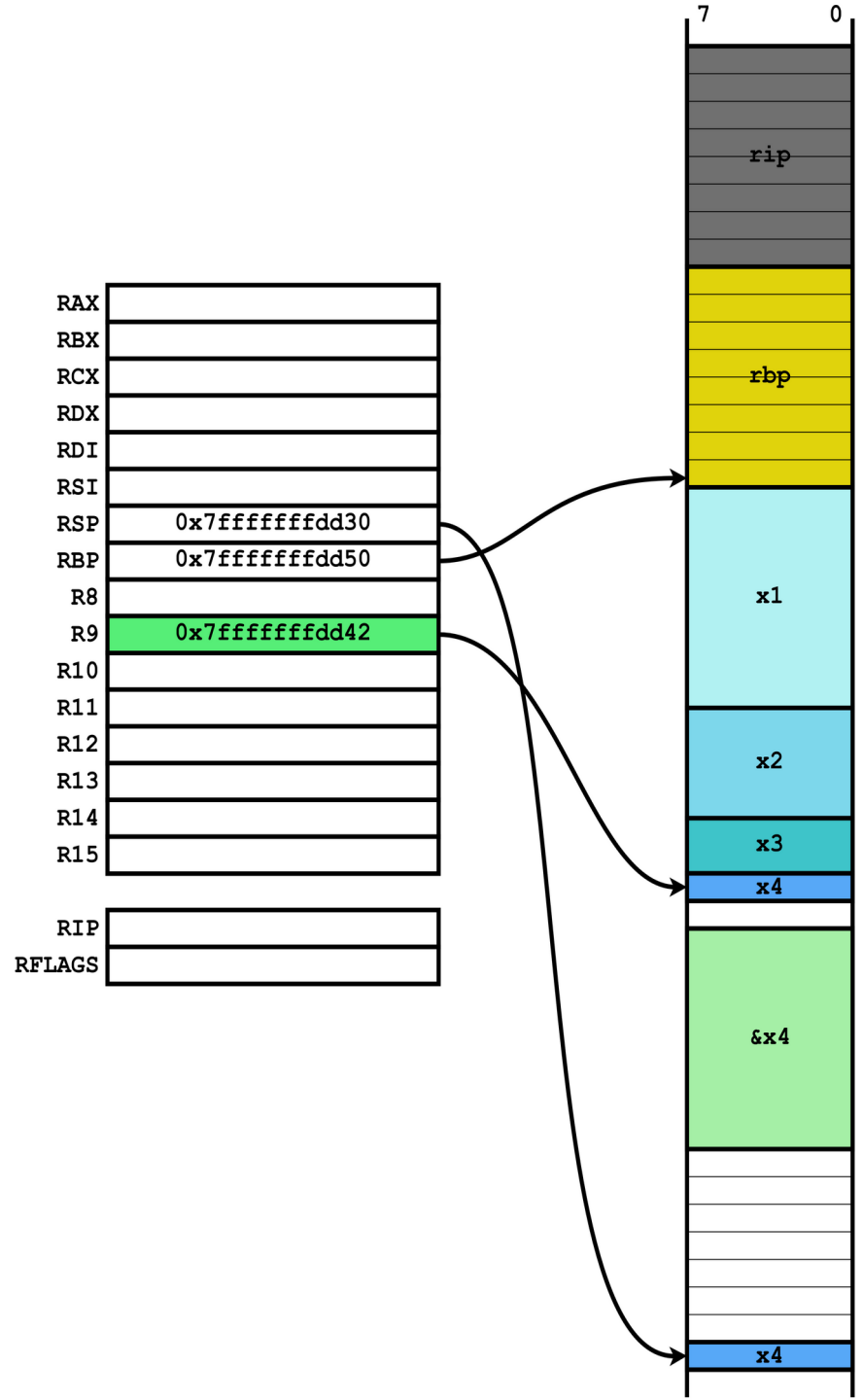




```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

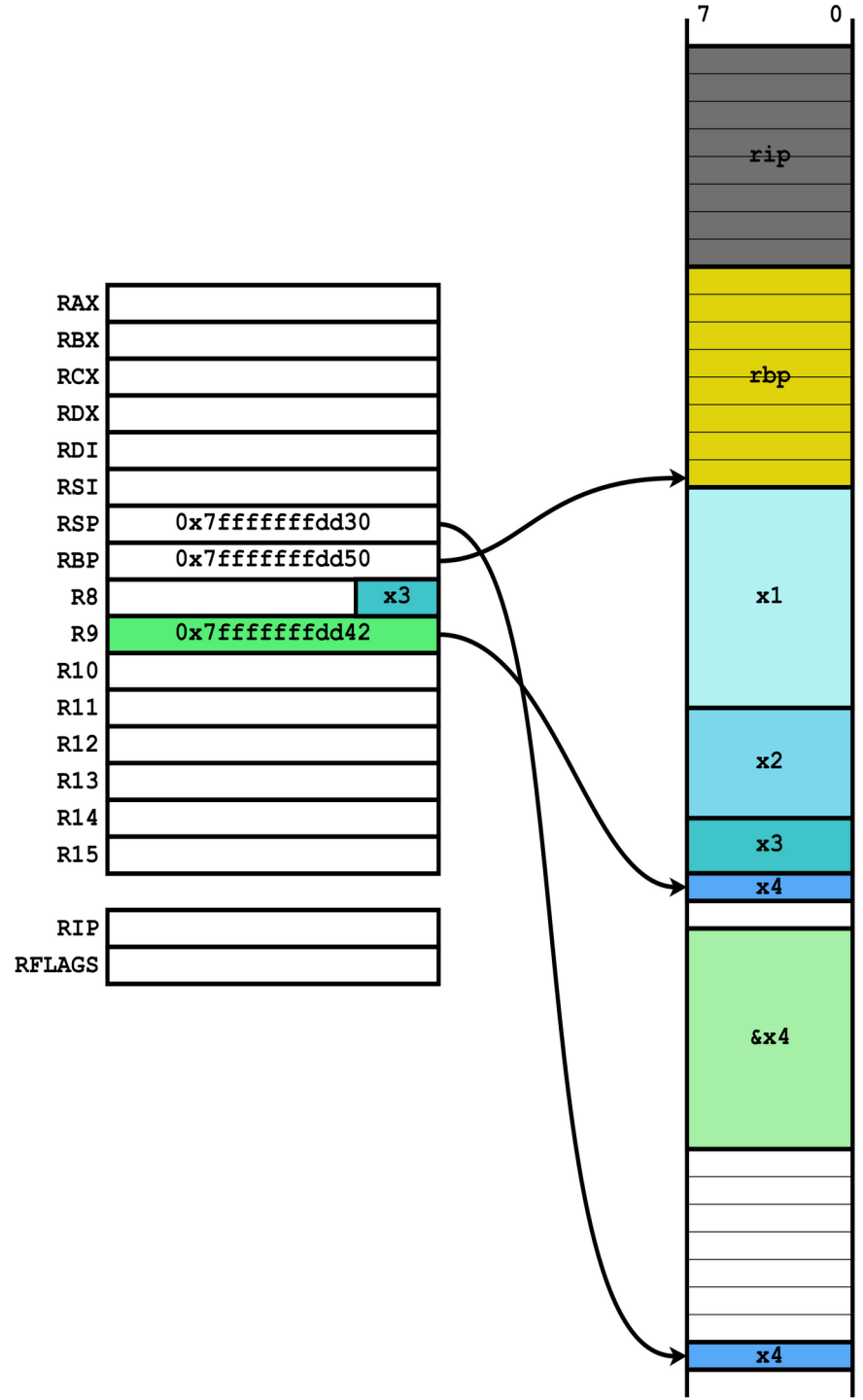
```



```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

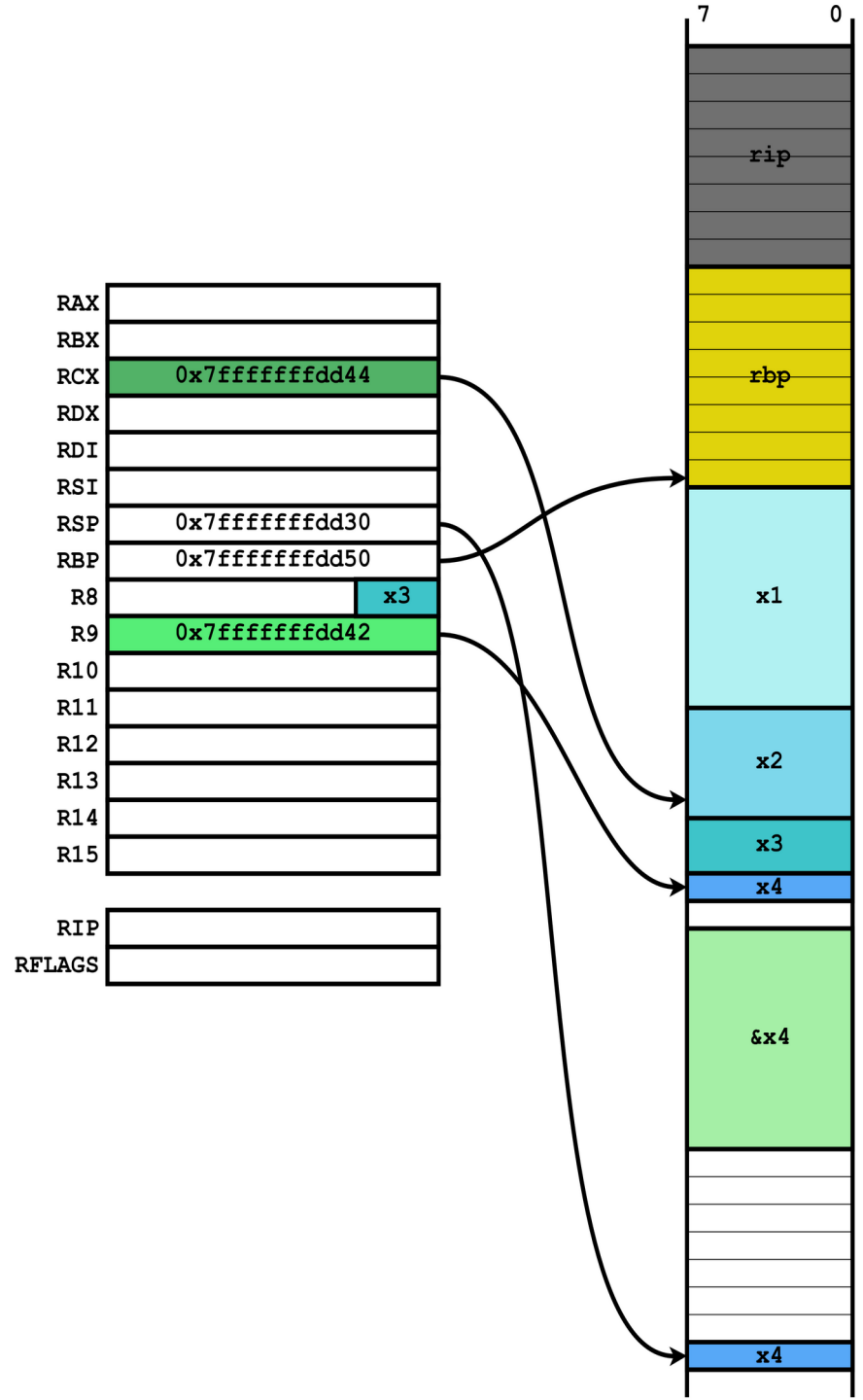
```



```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

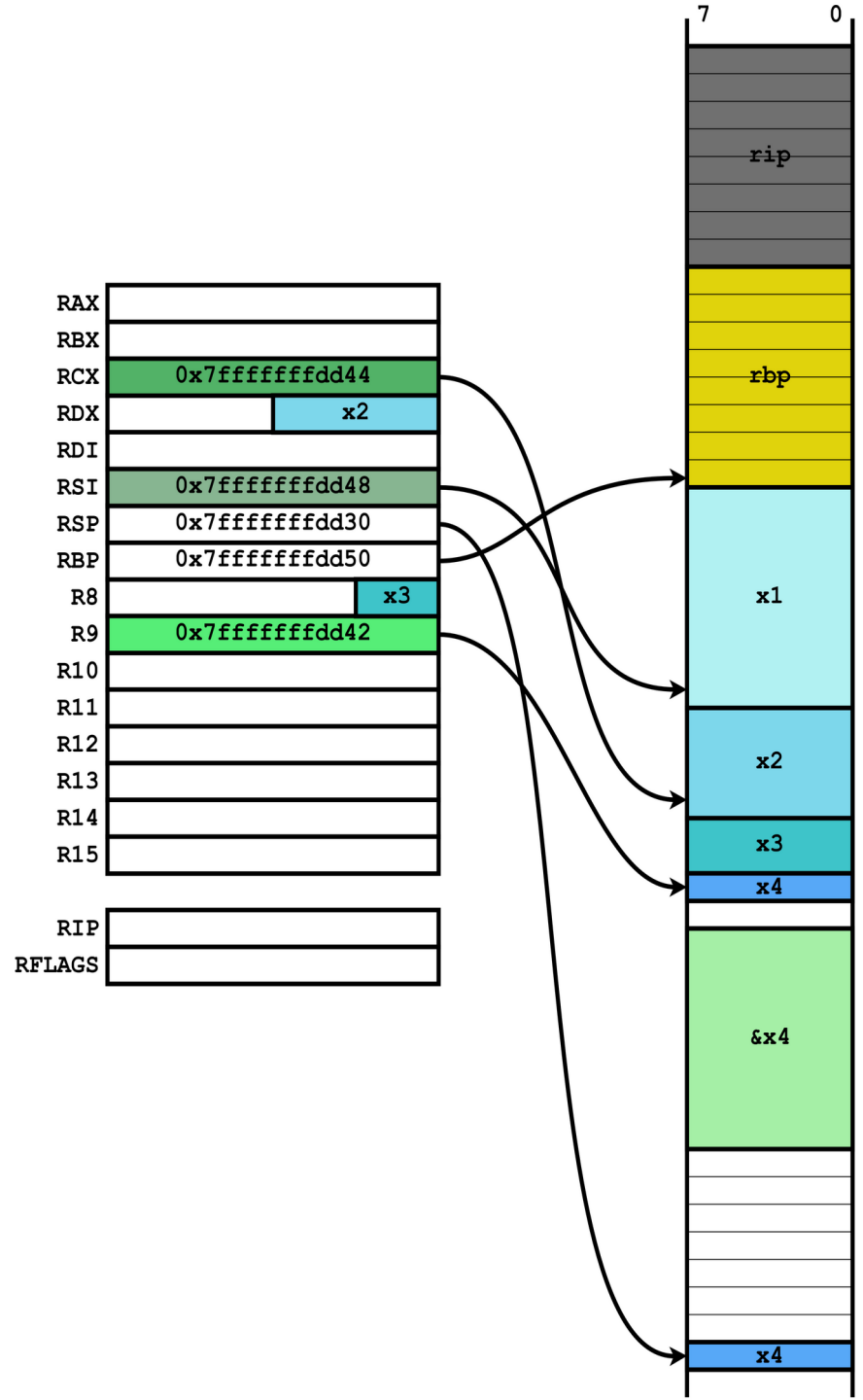
```




```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

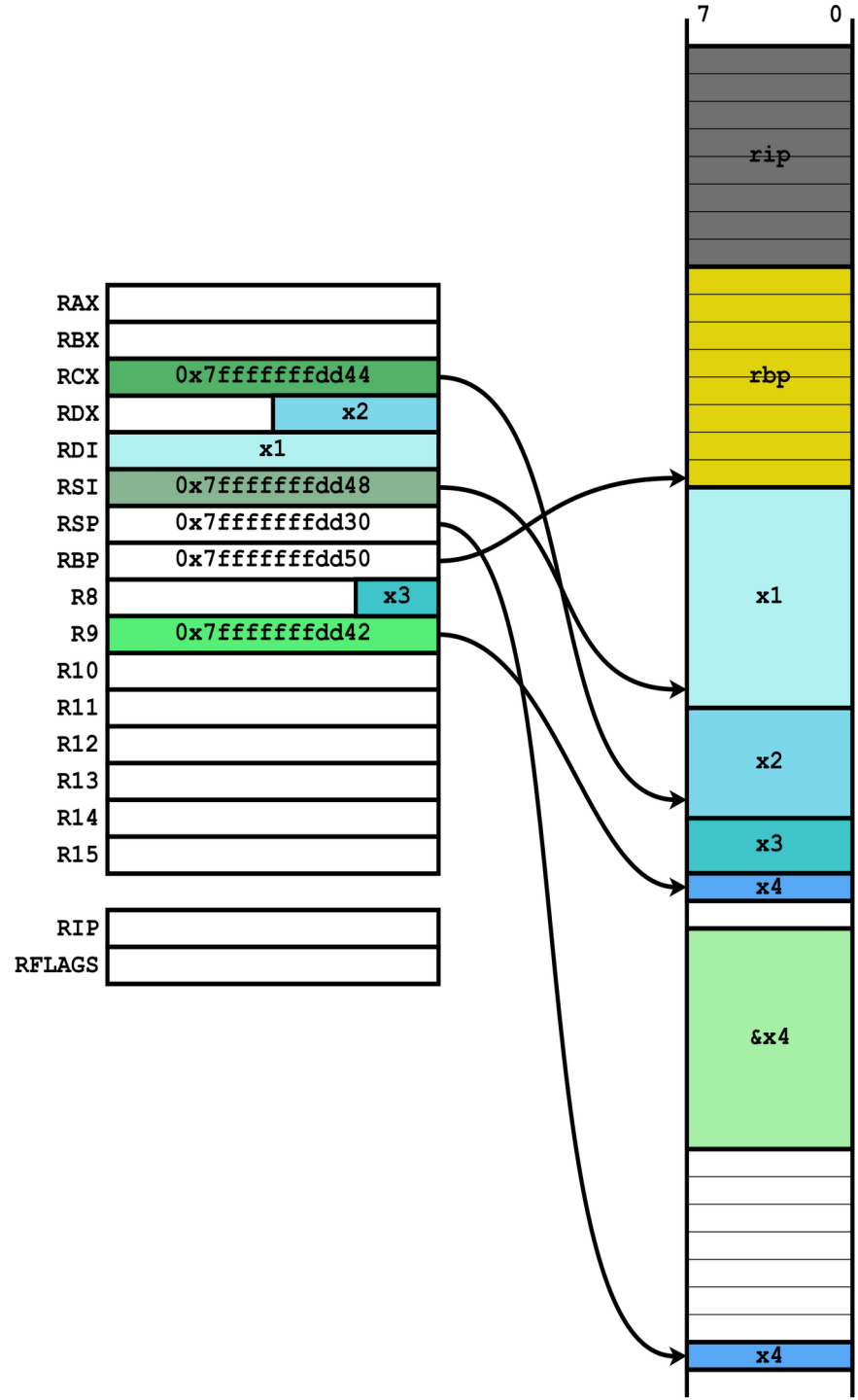
```




```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

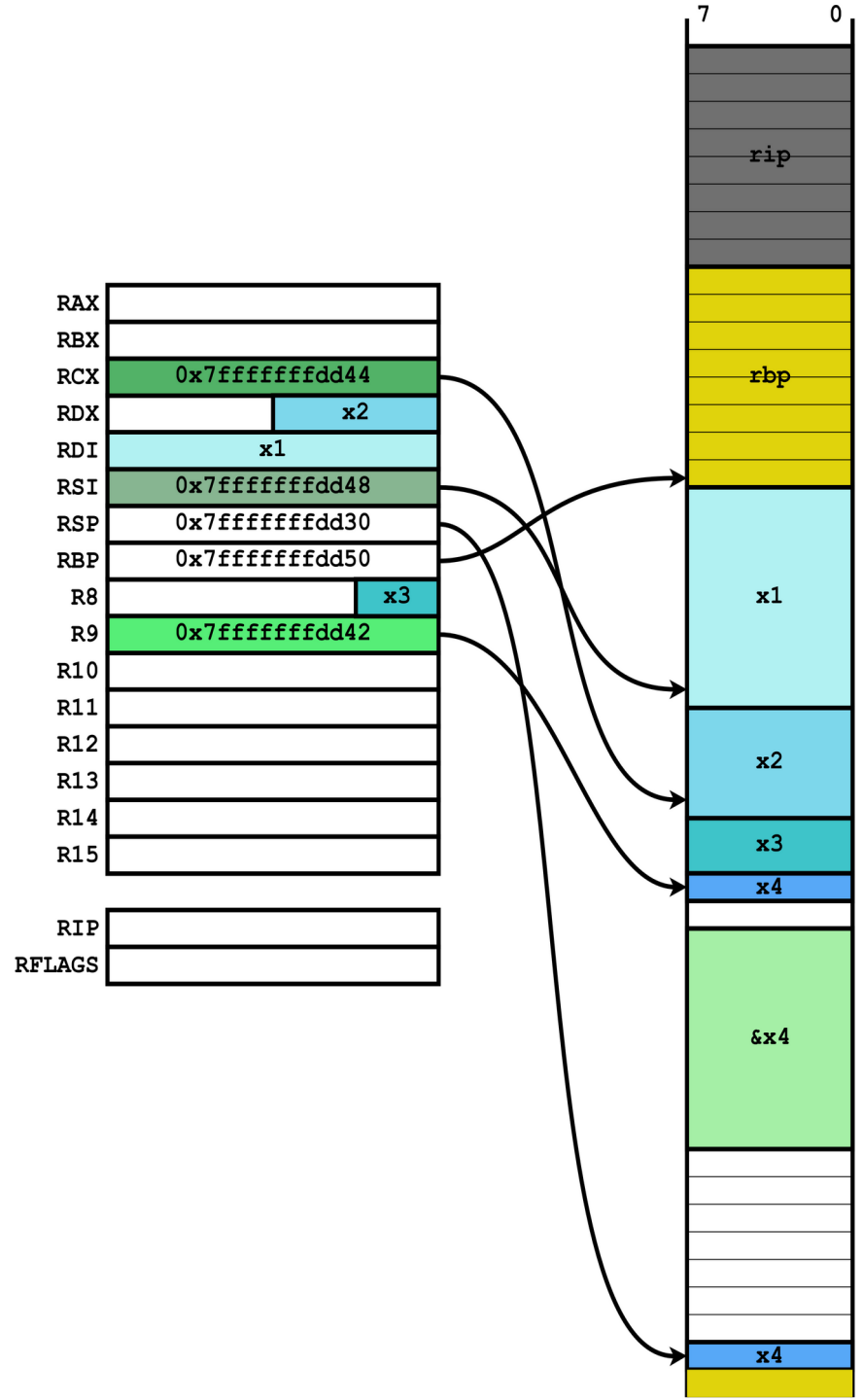
```



```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

```

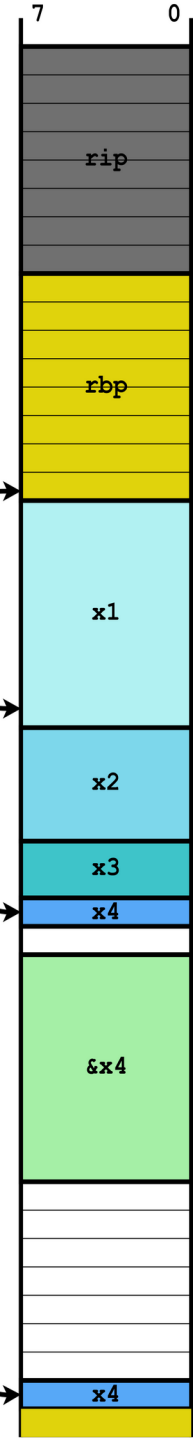


```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

```

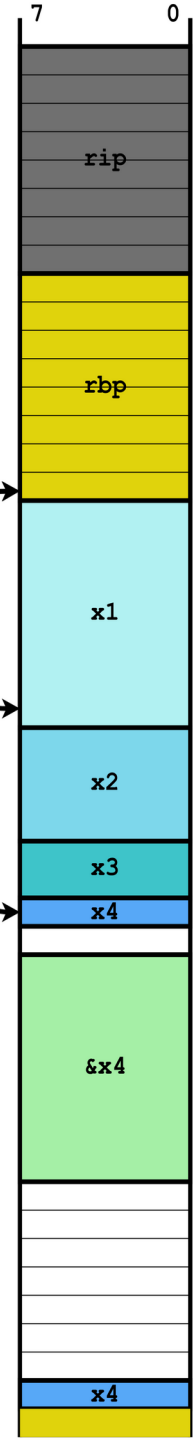
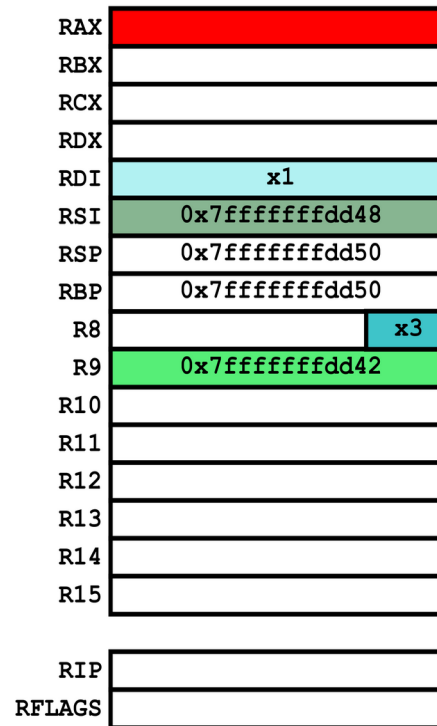
RAX	
RBX	
RCX	
RDX	
RDI	x1
RSI	0x7fffffffdd48
RSP	0x7fffffffdd30
RBP	0x7fffffffdd50
R8	x3
R9	0x7fffffffdd42
R10	
R11	
R12	
R13	
R14	
R15	
RIP	
RFLAGS	



```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

```



```

.text
.global  call_proc
call_proc:
    push    %rbp
    mov     %rsp, %rbp
    sub     $16, %rsp
    movq    $1, -8(%rbp)
    movl    $2, -12(%rbp)
    movw    $3, -14(%rbp)
    movb    $-4, -15(%rbp)
    lea     -15(%rbp), %r8
    push    %r8
    movb    -15(%rbp), %dil
    push    %rdi
    lea     -14(%rbp), %r9
    movw    -14(%rbp), %r8w
    lea     -12(%rbp), %rcx
    movl    -12(%rbp), %edx
    lea     -8(%rbp), %rsi
    movq    -8(%rbp), %rdi
    call    proc
    movslq  -12(%rbp), %rdx
    movq    -8(%rbp), %rcx
    add     %rdx, %rcx
    movswl  -14(%rbp), %edx
    movsbl  -15(%rbp), %eax
    sub     %eax, %edx
    mov     %edx, %eax
    cltq
    imul    %rcx, %rax
    mov     %rbp, %rsp
    pop     %rbp
    ret

```

