```
56880 de30        rbp
56876 de2c
56872 de28
56864 de20
56856 de18
56848 de10        rsp
```

<+27> movl 0x3, 0x1c(rbp)

int num = 3;

```
56880 de30        rbp
56876 de2c
56872 de28
56864 de20
56856 de18
56852 de14                            3
56848 de10        rsp
```

<+34> lea -0x1c(rbp), rax

```
          rax        0x7fffffffde14
```

<+38> mov rax, -0x18(rbp)

```
56880 de30        rbp
56876 de2c
56872 de28
56864 de20
56856 de18        0xffffde14
56852 de14                            3
56848 de10        rsp
```

<+42> lea -0x18(rbp), rax

```
          rax        0xffffde18
```

<+46> mov rax, -0x10(rbp)

```
56880 de30        rbp
56876 de2c
56872 de28
56864 de20        0xffffde18
56856 de18        0xffffde14
56852 de14                            3
56848 de10        rsp
```

```
<+50>  mov  -0x1c(rbp), eax
          eax                 3


<+67>  callq printf
          num = 3
          printf("*p_num = %d\n", *p_num);
```

```
<+72>  mov  -0x18(rbp), rax
          rax          0x7fffffffde14                        괄호가 들어가면 포인터 연산이 된다

<+76>  mov  (rax), eax
          eax                 3

<+92>  callq printf
          *p_num = 3
          printf("**pp_num = %d\n", **pp_num);
```

```
<+97>  mov  -0x10(rbp), rax
          rax          0x7fffffffde18


<+101> mov  (rax), rax                                       괄호가 들어가면 포인터 연산이 된다
          rax          0x7fffffffde14


<+104> mov  (rax), eax                                       괄호가 들어가면 포인터 연산이 된다
          eax                 3


<+120> callq printf
          **pp_num = 3
          printf("&num = 0x%x\n", &num);
```

```
<+125> lea  -0x1c(rbp), rax
          rax          0x7fffffffde14


<+144> callq printf
          &num = 0xffffde14
          printf("p_num = 0x%x\n", p_num);
```

<+149> mov -0x18(rbp), rax
          rax          0x7fffffffde14

<+168> callq printf
          p_num = 0xffffde14
          printf("&p_num = 0x%x\n", &p_num);

<+173> lea -0x18(rbp), rax
          rax          0x7fffffffde18

<+192> callq printf
          &p_num = 0xffffde18
          printf("pp_num = 0x%x\n", pp_num);

<+197> mov -0x10(rbp), rax
          rax          0x7fffffffde18

<+216> callq printf
          pp_num = 0xffffde18
          printf("&pp_num = 0x%x\n", &pp_num);

<+221> lea -0x10(rbp), rax
          rax          0x7fffffffde20

<+240> callq printf
          &pp_num = 0xffffde20
          return 0;