

|       |      |     |
|-------|------|-----|
| 56896 | de40 | rbp |
| 56892 | de3c |     |
| 56888 | de38 |     |
| 56884 | de34 |     |
| 56880 | de30 |     |
| 56876 | de2c |     |
| 56872 | de28 |     |
| 56864 | de20 | rsp |

```
mov fs0x28, rax
      rax      0x6ed4c94767c57b00
```

```
mov rax, -0x8(rbp)
      56896 de40      rbp
      56892 de3c      0x6ed4c947
      56888 de38      0x67c57b00
      56884 de34
      56880 de30
      56876 de2c
      56872 de28
      56864 de20      rsp
```

```
<+27> movl 0x2, -0x14(rbp)
<+34> movl 0x4, -0x10(rbp)
<+41> movl 0x7, -0xc(rbp)
<+48> movl 0x3, -0x18(rbp)
      56896 de40      rbp
      56892 de3c      0x6ed4c947
      56888 de38      0x67c57b00
      56884 de34      7
      56880 de30      4
      56876 de2c      2
      56872 de28      3
      56864 de20      rsp
```

```
mov -0x18(rbp), eax
      eax      3
```

```
<+72> callq printf
      arr len = 3
      printf("arr:\n");
```

```

<+89> movl 0x0, -0x1c(rbp)
    56896 de40      rbp
    56892 de3c      0x6ed4c947
    56888 de38      0x67c57b00
    56884 de34              7
    56880 de30              4
    56876 de2c              2
    56872 de28              3
    56864 de20      0

```

```

<+96> jmp <main + 130>

```

```

<+130> mov -0x1c(rbp), eax
    eax              0

```

```

cmp -0x18(rbp), eax
jl <main + 98>
3 > 0 3보다 작으면 98 로 점프

```

```

<+103> mov -0x14(rbp, rax, 4), eax
    eax      2

```

```

<+121> callq printf

```

```

<+126> addl 0x1, -0x1c(rbp)
    56864 de20      1

```

```

<+130> mov -0x1c(rbp), eax
    eax              1

```

```

cmp -0x18(rbp), eax
jl <main + 98>
3 > 1 3보다 작으면 98 로 점프

```

```

<+103> mov -0x14(rbp, rax, 4), eax
    eax      4

```

```

<+121> callq printf

```

<+126> addl 0x1, -0x1c(rbp)  
56864 de20 2

<+130> mov -0x1c(rbp), eax  
eax 2

cmp -0x18(rbp), eax  
jl <main + 98>  
3 > 2 3보다 작으면 98 로 점프

<+103> mov -0x14(rbp, rax, 4), eax  
eax 7

<+121> callq printf

<+126> addl 0x1, -0x1c(rbp)  
56864 de20 3

<+130> mov -0x1c(rbp), eax  
eax 3

cmp -0x18(rbp), eax  
jl <main + 98>  
3 > 3 조건에 맞지 않으므로 138 으로 이동

<+143> call putchar  
2, 4, 7  
return 0;