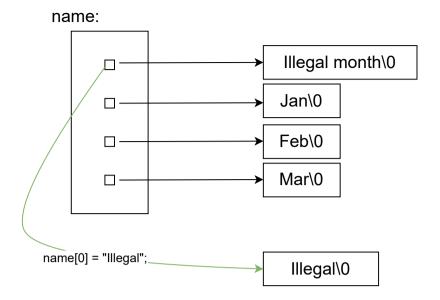


char \*name[] = { "Illegal month", "Jan, "Feb", "Mar" };

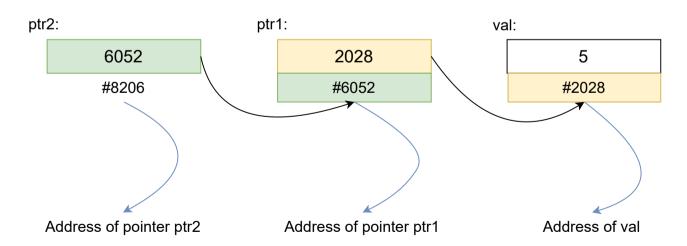


char aname[][15] = { "Illegal month", "Jan", "Feb", "Mar" };

## aname:

	Illegal month\0	Jan\0	Feb\0	Mar\0
0	1	5 30	0 4:	5

int val = 5; int \*ptr1 = &val; int \*\*ptr2 = &ptr1;



```
int* ptrm = (int*) malloc(5 * sizeof(int));
     sizeof(int) -> 4 bytes
ptrm:
                              -20 bytes of memory—
int* ptra = (int*) calloc(5, sizeof(int));
     sizeof(int) -> 4 bytes
ptra:
      ď
                     ←4 bytes→
                              -20 bytes of memory-
ptrm = realloc(ptrm, 10 * sizeof(int));
     sizeof(int) -> 4 bytes
 ptrm:
        -40 bytes of memory-
                                                Last block points to first block
                      Points to next free block
                Size
                                                                                Size
                                                                                          -20 bytes-
                                                                                                     -20 bytes-
     Address returned to user
```