

Sample Memory Map

We are providing this example so you know what we are expecting for memory maps.

Example

Draw a memory map for the following program up to the point indicated by the comment **/*HERE */**.

```
#include <stdio.h>

#define MAX_LEN 5

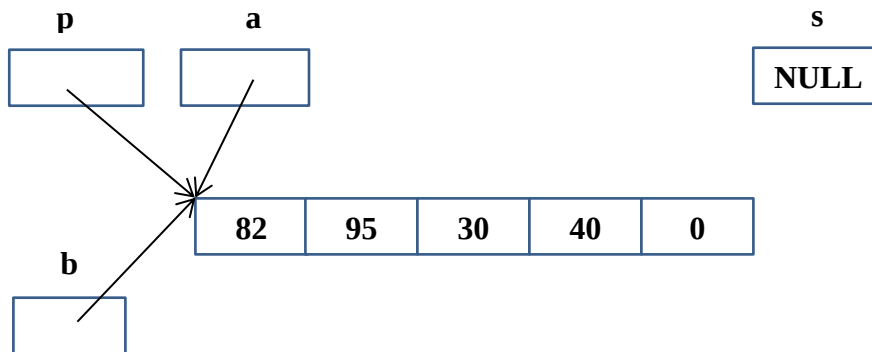
void process(int *b, int *s) {
    b[0] = 82;
    s[1] = 95;
    s = NULL;
    /* HERE */
}

int main() {
    int a[MAX_LEN] = {10, 7, 30, 40};
    int *p = a;

    process(a, p);

    return 0;
}
```

Answer:



Note: You can also replace NULL with the ground symbol as done in lecture. For example, **s** above could be represented as:

