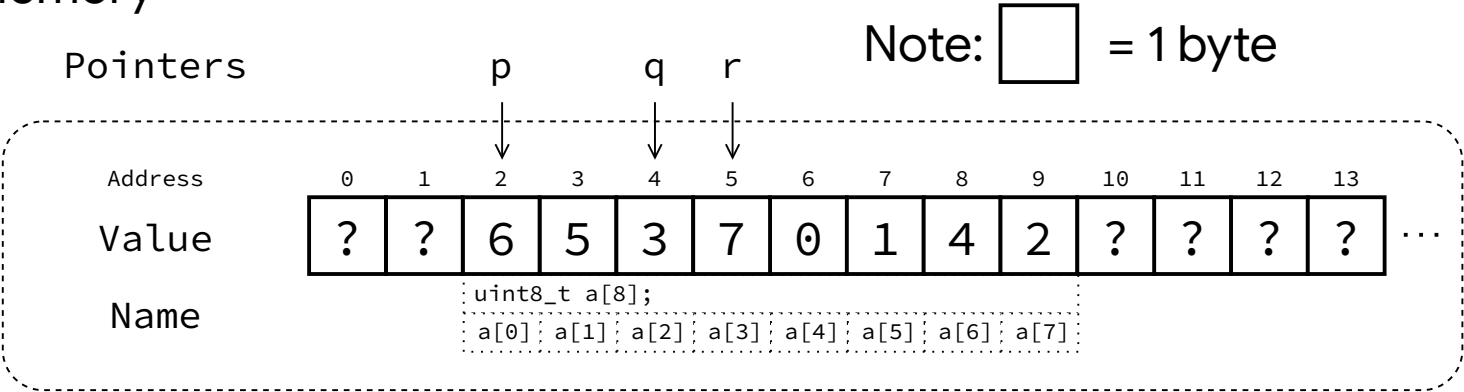


# Code

```
#include <stdint.h>
#define u8 uint8_t

int main() {
    u8 a[8] = {6, 5, 3, 7, 0, 1, 4, 2};
    u8 *p = &a[0];
    u8 *q = &a[2];
    u8 *r = &a[3];
    // <<< Evaluate values at here!
}
```

# Memory



Q. Fill answers in digits ( or ? for undefined behavior)

Note: \_ is a place holder  
So the cell on row "a[\_]" and col "0" should be filled with the value of "a[0]"

	0	1	a[0]	a[1]	p	q	r	*p	*q	*r
-	0	1	6	5	2	4	5	6	3	7
1+ <span style="background-color: yellow;">_</span>	1	2	7	6	3	5	6	9	4	8
(u8*)_ <span style="background-color: yellow;">_</span>	6	7	2	3	9	8	3	2	4	5
*((u8*)_ <span style="background-color: yellow;">_</span> )	2	5	9	4	?	?	4	6	8	3
a[ <span style="background-color: yellow;">_</span> ]	6	5	4	1	3	0	1	4	7	2
a[1+ <span style="background-color: yellow;">_</span> ]	5	3	2	4	7	1	4	2	0	?
r[ <span style="background-color: yellow;">_</span> ]	7	0	?	?	1	2	?	?	4	?
r[3+ <span style="background-color: yellow;">_</span> ]	4	2	?	?	?	?	?	?	?	?
((u8*)_ <span style="background-color: yellow;">_</span> )[0]	0	1	6	5	2	4	5	6	3	7
((u8*)_ <span style="background-color: yellow;">_</span> )[2]	4	2	3	7	?	?	7	3	0	1