Stacks & Queues Important Questions :→

* Reverse a given queue.

queue
q = | 1 | 2 | 3 | 4 |

queue
| 4 | 3 | 2 | 1 | → top

* Remove / pop from queue.
* Add / push to the stack.
* queue is empty
* Remove from stack
* Add back to queue

```
4 → 4
3 → 3
2 → 2
1 → 1
```
Stack S
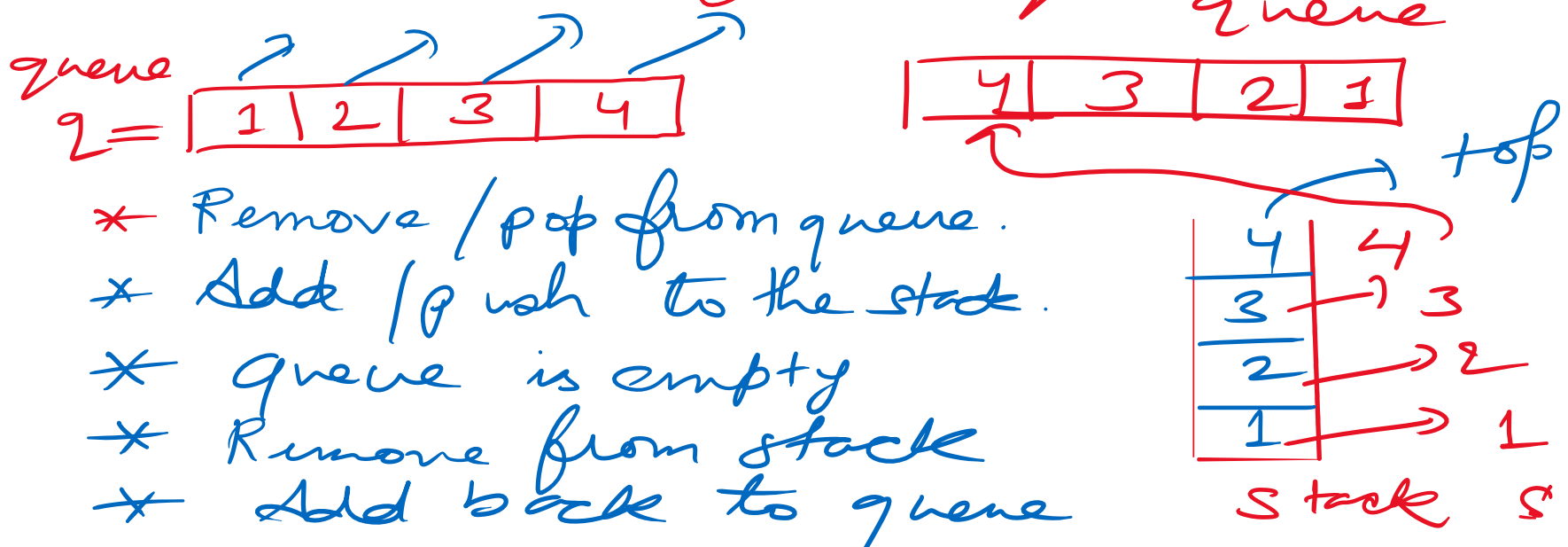
* Which entity / data_type allows call by reference in C or C++ ?

<u>Ans :→</u> Arrays [Array Pointers]

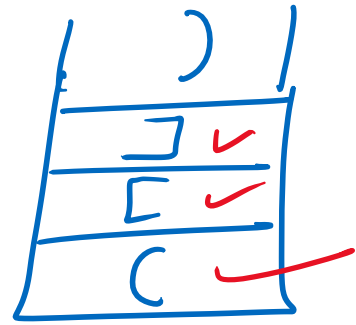Note : other than arrays, everything else is call by value, so we need to use Address Operator "&".

$< \; >$ [( ]] → false

([{

([ ])   ] = (
            ] = [true

)] [(

S1 → [( )] { { [( ) ( ] ( ) }   DRY RUN

[({

true