| Operation                        | Resulting Queue |
|----------------------------------|-----------------|
| <pre>var q = make_queue();</pre> |                 |
| insert_queue(q, "a");            | а               |
| <pre>insert_queue(q, "b");</pre> | a b             |
| <pre>delete_queue(q);</pre>      | b               |
| <pre>insert_queue(q, "c");</pre> | b c             |
| <pre>insert_queue(q, "d");</pre> | b c d           |
| <pre>delete_queue(q);</pre>      | c d             |