My understanding of classes (OO objects) in scam have the syntax of

```lisp
(define stk (Stack))
(stk 'push x)
(stk 'pop)
(stk 'peek)
```

And if you still want us to use

```lisp
(define stk (Stack))
(push stk x)
(pop stk)
(speek stk)
```

then push, pop, etc... are not methods but rather functions correct?

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Yes, these are functional stacks, no change of state. When a stack normally would be modified (say push and pop), a new stack is returned instead. Same for a queue.