









Modify the doubler class



















Add a method addX		
(define-class (counter)		
(instance-vars (count 0) (x 0))		
(method (next)		
(set! count (+ count 1))		
count))	What was the	
STk>(ask c 'next) 1	argument name in your addX method?	
STk> (ask c 'addX 20)	A) x	
21	B) argX	
STk> (ask c 'x)	С) у	
20	D) None used	















Vocab

- Instance variables variables local to an instance of a class
 - instance-vars
- Instance of a class a particular object

 instantiate
- Instantiation variables arguments provided when we created the instance of the class.

(define-class (beach-bum name) (instance-vars (surfs #t))) Instance variable STk> (define surfer (instantiate beach-bum 'bob)) surfer STk> (ask surfer 'name) bob STk> (ask surfer 'surfs) #t
Created differently but they work the same way

Write the meet method

STk> (load "lect14.scm")
okay
STk> (define surfer (instantiate beach-bum 'bob))
surfer
STk> (ask surfer 'meet 'cs61a-class)
(hi cs61a-class my name is bob dude)
'cs61a-class is the value of an
A) instance variable
B) instantiation variable
C) method argument



surfer-names is		
STk> (define s1 (instantiate beach-bum 'bob))		
sl		
STk> (ask s1 'surfer-names)		
(bob)		
STk> (define s2 (instantiate beach-bum 'jim))		
s2		
STk> (ask s1 'surfer-names)		
(jim bob)		
A) An instance variable B) An instantiation variable		
C) A class variable D) Something else		
G		

• Class	Vocab
Instance of a class	
• Method	
Instance variables	
 Instance of a class 	
Instantiation variables	
Class variables	
	Cal











