Fundamentals of CS

World worksheet

4 Oct 2010

; $\frac{\text{tick-alien}}{\text{TICK FUNCTION NAME}}$: $\frac{\text{AState}}{\text{STATE TYPE}} \rightarrow \frac{1}{2}$; calculates the state following the given state if of		(State	of	list	of	aliens
<pre>(define (tick-aliencurrent)</pre>	anged					
; : : KeyEve ; calculates the state following the given state if §						
<pre>(define (current key)</pre>	langed					
; $\frac{\text{render-alien}}{\text{RENDER FUNCTION NAME}}$: $\frac{\text{AState}}{\text{STATE TYPE}} \rightarrow \text{image}$; constructs an image representing the given state (define ($\frac{\text{render-alien}}{\text{RENDER FUNCTION NAME}}$ current)						
(text current 40 "red")) ; stu	b, renders as	text				
<pre>(define (main init-val)</pre>						
(on-tick <u>tick-alien</u>	ie)					
(on-key	_)					
(to-draw render-ali						
(mainINIT_ALIEN)						