; Assume that DrRacket is in the Intermediate Student Language.

(require picturing-programs)

; Consider the following definitions:

(define-struct vegetable (stalk? seeds? colour))

(define vegetable-A (make-vegetable true false "green"))

(define vegetable-B (make-vegetable false false "yellow"))

(define vegetable-C (make-vegetable false true "blue"))

(define-struct position (column row))

(define p (make-position 654 321))

; Show the result value of each of the following expressions:

; 1. (vegetable-colour vegetable-A)

; 2. (vegetable-stalk? vegetable-B)

; 3. (vegetable-seeds? vegetable-C)

; 4. (map vegetable-colour (list vegetable-A vegetable-C vegetable-B))

; 5. (position-column p)

; 6. (position-row p)

; 7. (map position-row (list p (make-position 104 111)))