

(require spd/tags)

```
;; Academic misconduct (cheating):  
;;  
;; - Doesn't hurt anyone, it only changes my grade.  
;;  
;; - Hurts other students in the class.  
;;  
;; - Hurts the university as a whole.  
;;  
;; - Hurts all the other students in the class and the university as a whole.  
;;
```

```
;; QUESTION [45 seconds]
;;
;; Given the following definitions:
```

```
(define-struct foo (a b c))
```

```
(define F1 (make-foo 1 2 3))
```

```
(define F2 (make-foo 4 5 6))
```

```
;; Which of the following expressions produces the value 5?
```

```
;;
```

```
;; A. (foo-a F1)
```

```
;; B. (foo-b)
```

```
;; C. (foo-c F2)
```

```
;; D. (foo-b F2)
```

```
;; QUESTION [45 seconds]
;;
;; Given the following definitions,
;; what is the value of the following expression?
```

```
(define-struct foo (a b c))
```

```
(define F1 (make-foo 1 2 3))
```

```
(define F2 (make-foo 4 5 6))
```

```
(foo-c (make-foo (foo-c F1)
                  (foo-b F2)
                  (foo-a F1)))
```

```
;; A. 1
```

```
;; B. 2
```

```
;; C. 3
```

```
;; D. 6
```

```
;; QUESTION [75 seconds]
;;
;; Which of the following definitions for tock ensures that the visible
;; part of the spider never leaves the bottom of the window?
```

```
;; A.
(define (tock s)
  (if (<= (+ s SPEED) (- HEIGHT 1 SPIDER-RADIUS))
      (- HEIGHT 1 SPIDER-RADIUS)
      (+ s SPEED)))
```

```
;; B.
(define (tock s)
  (if (>= s (- HEIGHT 1 SPIDER-RADIUS))
      (- HEIGHT 1 SPIDER-RADIUS)
      (+ s SPEED)))
```

```
;; C.
(define (tock s)
  (+ s SPEED))
```

```
;; D.
(define (tock s)
  (if (>= (+ s SPEED) (- HEIGHT 1 SPIDER-RADIUS))
      (- HEIGHT 1 SPIDER-RADIUS)
      (+ s SPEED)))
```