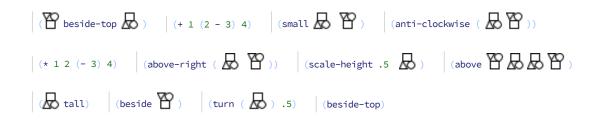
•	CSC104	Winter	2020	Exercise	#1	•
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; Print this out and fill it in by hand. Hand in your solutions to the TA at the start of your quiz.

```
UTorID:
    Surname:
; Given Name :
```

- ; Precision and care are crucial in programming, and we assume you check your exercise answers in DrRacket.
- ; Your mark will reflect the care you took to make sure your answers are all, or almost all, correct.
- ; Part A. Circle each of the following twelve pieces of code that reports an error (rather than produces a value) ...



; • Part B. Show all the steps to evaluate the following expression.

; You do not need to include the steps •", "o", nor "•" punctuation that DrRacket shows when using step include the underlining of subject resigns that will branch enter the step operation starts by copyling the given expression so that it can add some underlining,

; but you may save some effort by adding the initial underlining directly to the original expression.

```
 \begin{array}{c} \text{(mirror (beside (clockwise (tall (salidatriangle (150 10)))) } \\ \text{(turn (above (circle )+0.4 D Se)))} \end{array} \\ \begin{array}{c} \text{(beside (clockwise (tall (salidatriangle (150 10)))) } \\ \text{(square (-30.15)))} \end{array} \\ \end{array}
                                                 (+ (* 2 1 5) (* (height (wide (circle 10))) 3) 5))))
```

Add WeChat powcoder

```
; • Part C. Beside each of the following expressions, write its value ...
Δ
unary?
-123
circle
width
45
number?
#true
turn
(function? -67)
(image? square)
(boolean? 🔯)
                  Assignment Project Exam Help
(function? rectangle)
(number? height)
(number? +)
                            https://powcoder.com
(function? /)
(image? image?)
                             Add WeChat powcoder
(function? function?)
(boolean? image?)
(boolean? boolean?)
(image? •
(boolean? #false)
(function? boolean?)
(number? -89)
(image? #true)
(unary? scale-height)
(binary? solid-oval)
(binary? -)
(unary? binary?)
```

```
; • Part D. Show all the steps to evaluate the following expressions.
; Include the underlining of sub-expressions that will change.
; You do not need to include the "\bullet Steps \bullet", "\circ", nor "\bullet" punctuation that DrRacket shows when using step .
; In DrRacket, the step operation starts by copying the given expression so that it can add some underlining,
; but you may save some effort by adding the initial underlining directly to the original expression.
(image? (+ 1 2 3))
(number? (circle 10))
(boolean? (- 45))
(function? (flip (A)) Assignment Project Exam Help
                                  https://powcoder.com
(image? (rectangle 20 10))
                                   Add WeChat powcoder
(number? (/ 10 2))
(boolean? (unary? beside-top))
(function? (image? 12))
(image? (image? mirror))
```

- ; Part E.
- ; For each definition, circle either "Function" or "Variable" according to whether it is a function definition or a variable definition.
- ; If it defines a variable, write down the variable name.
- ; If it defines a function, write down the function name and parameter names.

```
(define (s z y)
(text-join z y))

;Defines a ... Function Variable

;Variable or Function Name:
;Parameter Names (if any):
```

```
(define (b d c) (above d c (turn d 45)))
;Defines a ... Function Variable
;Variable or Function Name:
;Parameter Names (if any):
```

```
(define f
  (text-join
  b
  "b"))
; Defines a ... Function Variable
; Variable or Function Name:
; Parameter Names (if any):
```

```
(define i (square 10 "solid" "black"))
;Defines a ... Function Variable
;Variable or Function Name:
;Parameter Names (if any):
```

```
(define x
  (b i j))
;Defines a ... Function Variable
;Variable or Function Name:
```

; Parameter Names (if any):

```
(define
rick
"rick")
; Defines a ... Function Variable
; Variable or Function Name:
; Parameter Names (if any):
```

```
(define (x g)
  (turn (above x x)
  45))

; Defines a ... Function Variable

; Variable or Function Name:

; Parameter Names (if any):

; Parameter Names (if any):
```

```
(define (scaled-bird amount)
(scale amount))
; Defines a ... Function Variable
; Variable or Function Name:
```

; Parameter Names (if any):