

```
1 #lang racket
2
3 (define (greet str)
4   (println (string-append "hi " str)))
5
6 (greet "Carolyn")
7
8 (define (greet-let str)
9   (let ((greeting (string-append "hi " str)))
10    (println greeting)))
11
12 (greet-let "Carolyn")
13
14 (define (class-color year)
15   (let ((color (cond ((= year 2022) "purple")
16                      ((= year 2023) "yellow")
17                      ((= year 2024) "red")
18                      ((= year 2025) "green"))))
19     (class (cond ((= year 2022) "senior")
20                 ((= year 2023) "junior")
21                 ((= year 2024) "sophomore")
22                 ((= year 2025) "first-year"))))
23   (cons color class))
24 )
25
26 (class-color 2022)
27
28 (let ((x 10)
29       (y (+ x x)))
30   (println y))
31
32
33
```