

```
1 #lang racket
2
3 (list 1 2 3)
4
5 '(1 2 3)
6
7 (define numbers (list 1 2 3))
8
9 numbers
10
11 (first numbers)
12
13 (rest numbers)
14
15 (first (rest numbers))
16
17 (list-ref numbers 0)
18
19 (first numbers)
20
21 (cons 4 numbers)
22
23 (cons numbers 4)
24
25 null
26
27 (cons 1 null)
28
29 (define improper (cons numbers 4))
30
31 improper
32
33 (list? improper)
34
35 (pair? improper)
36
37 (append numbers 4)
38
39 (append numbers numbers)
```

```
40 |  
41 | (length numbers)  
42 |  
43 | (list-ref numbers 2)
```