

```

1 (defun sum (throw)
2   (+ (car throw) (cdr throw)))
3
4 (defun 1_roll ()
5   (+ (random 6) 1))
6
7 (defun roll ()
8   (cons (1_roll) (1_roll)))
9 )
10
11 (defun reroll_d (sum_count)
12   ((or (= sum_count 2) (= sum_count 12))
13 ))
14
15 (defun win_d (sum_count)
16   (if (or (= sum_count 7) (= sum_count 11))))
17
18 (defun turn (&aux (dices (roll)))
19   (terpri)
20   (princ "Rolled:")
21   (princ dices)
22
23   (cond
24     ((win_d (sum dices)) Nil)
25     ((not (reroll_d (sum dices))) (sum dices))
26     (T (turn)))
27   )
28 )
29
30 (defun second_turn (roll1 &aux (roll2 (turn)))
31   (terpri)
32   (princ "Second_player's_turn_ended")
33   (terpri)
34   (terpri)
35   (if (eval roll2)
36     (cond
37       ((> roll1 roll2) "First_player_wins!")
38       ((= roll1 roll2) "Draw!")
39       (T "Second_player_wins!"))
40     "Second_player_wins!")
41   )
42 )

```

```
43
44 (defun game (&aux (roll1 (turn)))
45   (terpri)
46   (princ "First_player's_turn_ended")
47   (terpri)
48   (if (eval roll1)
49       (second_turn roll1)
50       "First_player_wins!")
51   )
52 )
```