

Testing task 1 code:

Carry out static testing on the code below.

Read through the code. Highlight and correct any errors you can see.

```
1      def func1(val)
2          if val = 1 ==
3              return true
4          else
5              return false
6          end
7      end
8
9      def max(a, b)
10         if a > b
11             return a
12         else
13             return b
14         end
15     end
16 end
17
18     def looper()
19         for i in 1..10
20             puts i
21         end
22     end
23
24     failures = 0
25
26     if looper() == 10
27         puts "looper passed"
28     else
29         puts "looper failed"
30         failures = failures + 1
31     end
32
33     if func1(3) == false
34         puts "func1(3) passed"
35     else
36         puts "func1(3) failed"
37         failures = failures + 1
38     end
39
40     if max(100,1) == 100
41         puts "max(100,1) passed"
42     else
43         puts "func1(3) failed"
44         failures = failures + 1
45     end
46
47     if failures > 0
48         puts "Test Failed"
49     else
50         puts "Test Passed"
51     end
```

Handwritten annotations in the code include:

- Red circles around `val` in line 1, `def` in line 8, `max` in line 9, and `failures` in line 44.
- Red underlines under `1` in line 2 and `0` in line 47.
- Red arrows pointing from `return a` in line 11 to the right, and from `return b` in line 13 to the right.
- Red curly braces grouping lines 10-11 and 12-13.
- Red curly braces grouping lines 18-21 and 22.
- Red curly braces grouping lines 26-28 and 29-30.
- Red curly braces grouping lines 33-35 and 36-37.
- Red curly braces grouping lines 40-42 and 43-44.
- Red curly braces grouping lines 47-48 and 49-50.