Software Testing

Homework2 Solution

3.3 Q3 (Page 130-131)

a) {(T, F, F), (F, T, F), (F, F, T), (F, F, F)}

b) Yes

c) {(T, -, -), (F, T, -), (F, F, T), (F, F, F)}

4.1 Q2 (Page 159)

- Whether x is null
  1. True (Value x = null)
  2. False (Value x = "A")
- Does Object x appear in the stack?
  1. True (x = "A", stack = ["A", "B"])
  2. False (x = "A", stack = ["B", "C"])

4.2 Q4 (Page 163-164)

a) Yes

b) Yes

c) No. Example: s1 = {1, 2} and s2 = {1, 3}

d) No. Example: s1 = {} and s2 = {}

e) 1 + 2+ 3 = 6