1.

(a) The code terminates when i is 0, therefore the first element in x isn’t observed properly.

(b) x must be NULL in order for the fault not to be executed

(c) x = [2, 3, 5]; y = 3; Expected = 3; Actual = 3

(d) x = [2, 3, 5]; y = 1; Expected = -1; Actual = -1

(e) x = [2, 3, 5]; y = 2; Expected = 0; Actual = -1; PC: i = 0

2.