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Lab 10: Software Testing

x[i]%2 != 0

1) There is a fault where they are determining if the integer is odd. This is when they do x[i]%2==1 in the if-statement. This only determines the positive numbers that are odd not the negative numbers.
2) A test case that doesn't execute the fault: x = []
    a. The expected (correct output): 0
    b. The actual output: 0
3) A test case that executes the fault but does not result in an error: x = [7,10]
    a. The expected (correct output): 2
    b. The actual output: 2
4) A test case that results in an error state but not a failure
    a. There are no test cases
5) A test case that results in failure: x=[-7,-5,-4,10]
    a. The expected (correct output): 3
    b. The actual output: 1