

Ex 2.1

1. (Going Down) Y, Y, Y, Y, N, Y, N, N, Y, N, Y, Y
2. Double, Double, String, Double, Int

Ex 2.2

1. `int prodNum = 637; int ftYrd = 3; double temp = 37.00; String homeTown = "newYorkCity"`
2. `double shoeSize = 8.5; int daysLeapYear = 366; String catName = "Yogi"; String phoneNum = "999-999-9999";`

Ex 2.3

1. `double burgerPrice = 4.95; int daysInOctober = 31; String catName = "Yogi"; int footballFieldLength = 100;`

Ex 2.4

1. 56, 200, -2, -2, 74, 4
2. The result would change due to the order in which the operators were used

Ex 2.5

1. Change int to double
2. Change int to double or use `"Math.ceil(squareFeet / 150)"`
3. Switch the placement of squareFeet and numGallons
4. I'd change height1 & height2 to just height, and also change anywhere it's used

Review Questions:

1. C
2. D
3. A
4. B
5. D
6. C
7. A
8. C
9. B
10. B/D (Both, look at my code)
11. D
12. D
13. C
14. C
15. A
16. D
17. A
18. D
19. C (Love the D answer)
20. B