1.

On the Houses worksheet, complete columns H through N using the AND, OR, IF functions per the logic described in the following steps.

Be careful with your spelling.

When nesting functions, write our all the functions (write or use Copy and Paste) instead of using cell references. For example: in step 3 your function should look like

=IF(AND(F4="no",D4<5),"remodel","no remodel")

**not**

=IF(H4,"remodel","no remodel") when H4 is =AND(F4="no",D4>5)

[Both above nested functions are technically correct and will give the same result, but I want you to practice writing the entire function. Also, nesting the entire function without referencing functions in other cells is the preferred method of function construction.]

2

In H4, use the =AND( for the following criteria: Occupied="No" AND Years Since Remodel >5 10

3

In I4, use the =IF(AND( for the following criteria: If AND criteria in H4 is TRUE, then return the text "Remodel", else return the text "No Remodel".

[As per instruction 1, nest the formula from H4 into the IF function (write or use Copy and Paste). Do not reference cell H4. Do this for all nested functions in this assignment.]

4

In K4, use the =OR( for the following criteria: Funds Available > 5000 OR Years Since Remodel >8

5

In L4, use the =IF(OR( for the following criteria: If OR criteria in K4 is TRUE, then return the text "Paint", else return the text "No Paint".

[As per instruction 1, Nest the formula from K4 into the IF function using Copy and Paste. Do not reference cell K4. Do this for all nested functions in this assignment.]

6

In cell N4, use the =IF(IF to return one-of-three outcomes based on the Number of Rooms field for the following criteria:

if Number of Rooms = 1, then return the text "Single" If Number of Rooms = 2 , then return the text "Double” If Number of Rooms >= 3, then return the text "Multi-Family"

7

On the Apartments worksheet, complete columns H through N using the AND, OR, IF functions per the logic described in the following steps. f

[As per instruction 1, when nesting functions, use Copy and Paste instead of using cell references]

8

In H4, use the =AND( for the following criteria: Years Since Remodel > 3 AND Occupied = "No"

9

In I4, use the =IF(AND( for the following criteria: If AND criteria in H4 is TRUE, then return the text "Remodel", else return the text "No Remodel".

[As per instruction 1, Nest the formula from H4 into the IF function using Copy and Paste. Do not reference cell H4. Do this for all nested functions in this assignment.]

10

In K4, use the =OR( for the following criteria: Years Since Remodel > 5 OR Funds Available > 6000

11

In L4, use the =IF(OR( for the following criteria: If OR criteria in K4 is TRUE, then return the text "Paint", else return the text "No Paint".

[As per instruction 1, Nest the formula from K4 into the IF function using Copy and Paste. Do not reference cell K4. Do this for all nested functions in this assignment. ]

12

In cell N4, use the =IF(IF or =IFS to return one-of-three outcomes based on the Occupied field for the following criteria:

if Occupied = “No”, then return the text "Don't List" If Occupied = “Yes” , then return the text "List" Occupied = ”Move-in”, then return the text "Wait List"