Assignment Title : Create a Graph of given functions

Submitted to: Sir Wahab

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Functions:

1. Y=2x
2. Y=3x
3. Y=x^3
4. Y=log x Note: assume log base to be 10
5. Y=2x^2+3x
6. Y=3x+2
7. Y = X^2 vs Y = 1000X plot both functions in the same graph!!

And identify where both these functions intersect. And explain the graph [5 marks]

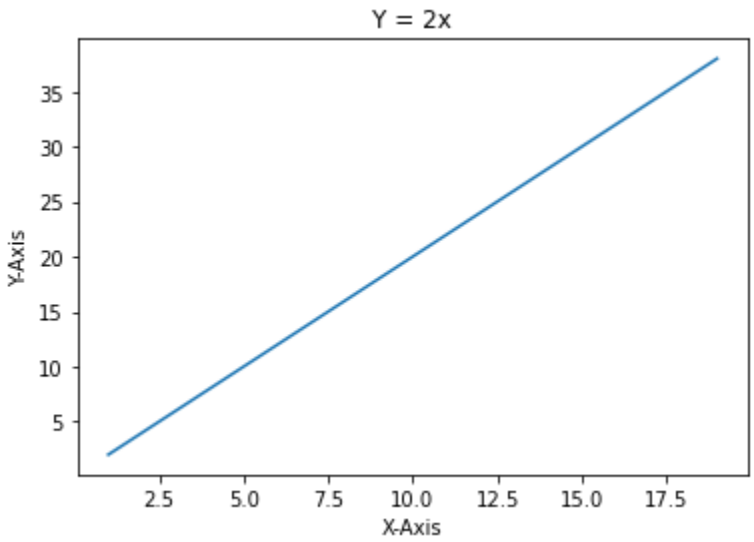
Data (x):

X = [1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19]

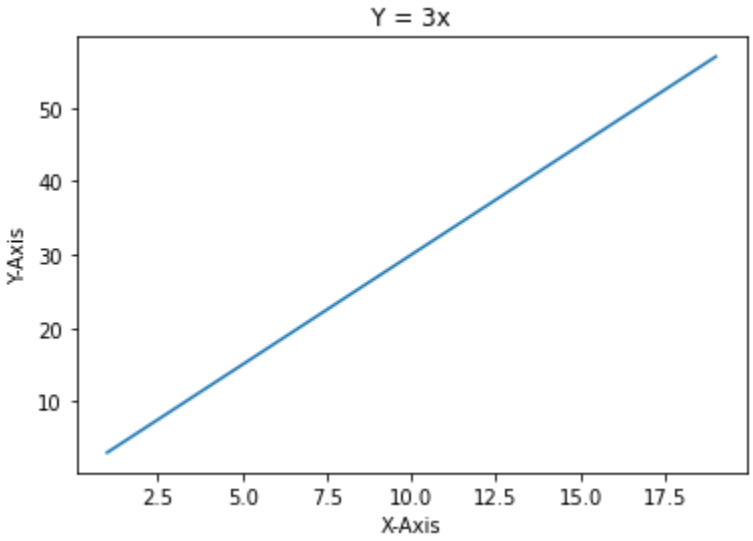
All the graphs are made using this data.

Graphs:

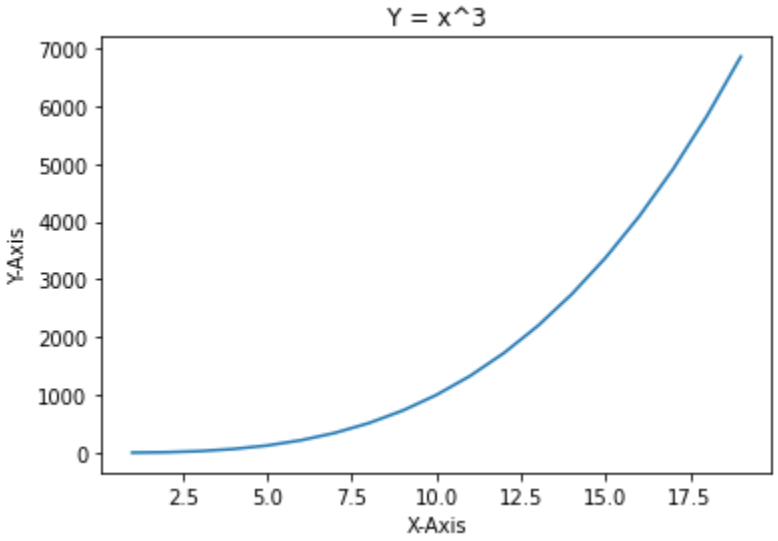
Function 1:



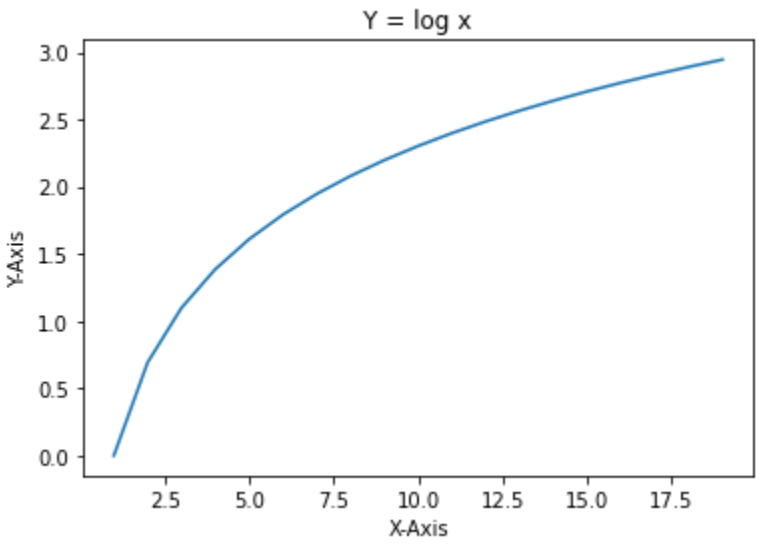
Function 2:



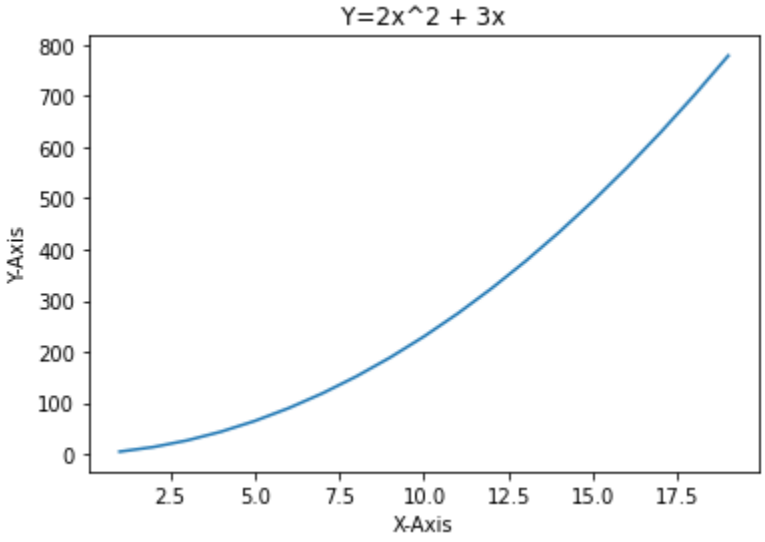
Function 3:



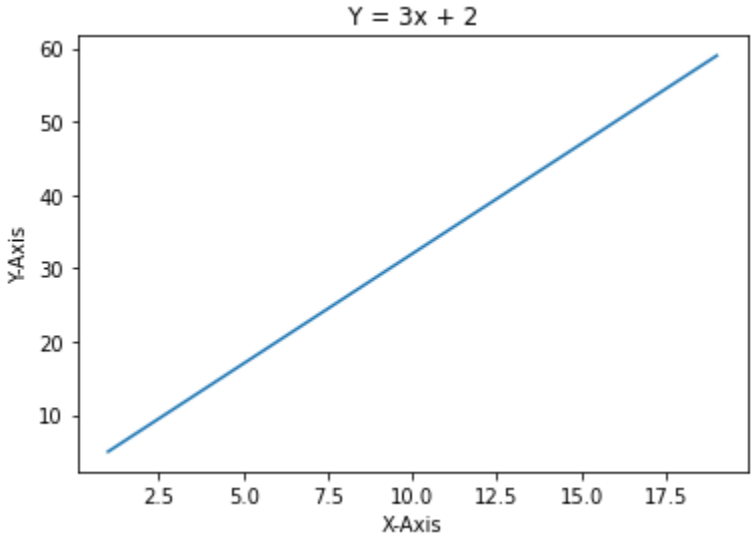
Function 4:



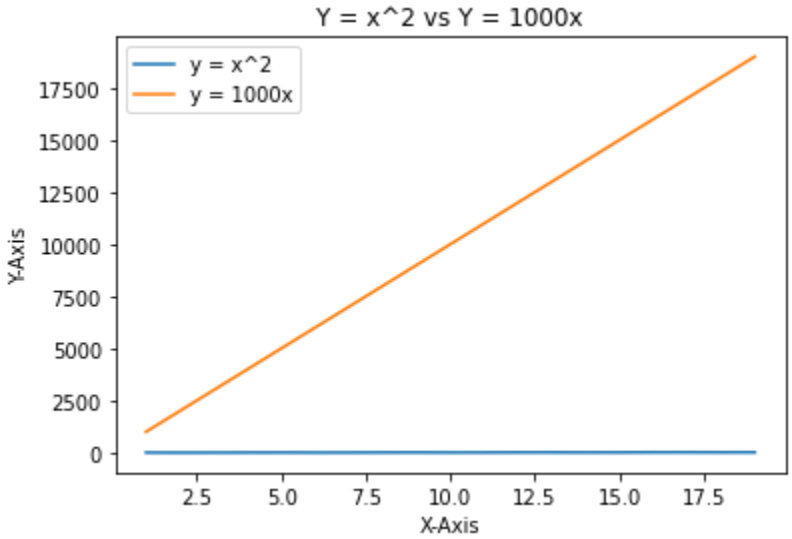
Function 5:



Function 6:



Function 7:



They are not intersecting at any point.

Assignment Link: https://github.com/KanwarAdnan/DSA-4th-Sem/tree/main/Graphs%20Assignment%20No%201