Practice Questions

1. Write a program that prints 'Alhamdolillah' to the screen.
2. Write a program that asks the user for their name and greets them with their name.
3. Which of the following are illegal variable names in Python, and why?

   x
   99bottles
   july2009
   theSalesFigureForFiscalYear
   r&d
   grade_report

4. Is the following assignment statement valid or invalid? If it is invalid, why?
         72 = amount
5. What will the following code display?
         val = 99
         print('The value is', 'val')
6. Is the variable name Sales the same as sales? Why or why not?
7. Write a program to convert Kilometers to meters. (1KM = 1000M)
8. Write a program to convert MilliLiters to Liters (1L = 1000 ML)
9. Practice real division / and integer division //
10. Practice to input integer and float values.
11. Write a program to ask user to enter 2 numbers and show their sum, multiplication, subtraction and division.
12. Ask user to enter number of 1 rupee, 2 rupees, 5 rupees' coins, and 10, 20, and 50 rupees' bills (notes), and print how much money in total the person have.
13. A car has a speed of 100 km/h. Write some code that calculates the distance in meters (not kilometers!) that the car would travel in N hours. Set N to 10.
14. Consider you have a Motorway e-Tag card, which has some money in it. Suppose, each trip on motorway costs 45 rupees. Ask user to enter the remaining balance in her e-Tag and calculate how much trips can be made.
15. Ask the user to enter marks of 3 subjects and show the average marks.
16. Ask user to enter total marks and obtained marks, and then show the percentage.
17. Ask a user to enter her basic salary. Add a 15% house rent, 10% medical allowance, and 5% convince allowance on basic salary. Print the total salary of the user.
18. Ask user to enter length and width of a rectangle, and calculate the area of rectangle. (Area = length * width)
19. Given that $f(x) = |x^3 - 20|$, find f(-3). Ask user to entr value of X and find the result.