Assignment-0.1 (Python Basics)

1. Initialize some variables in the python workspace. Now analyze and display what are variables are created, then delete the single variable as well as all the created variables.
2. Initialize some variables with different types of value. Now analyze what is the type of those variables.
3. Write an python code to initialize your roll no., name and branch then display all the details.
4. Write an python to initialize two variables, then find out the sum, multiplication, subtraction and division of them.
5. Write an python code to enter a 3 numbers from the keyboard, then find out sum of all the 3 numbers. Write an python code to enter the radius of a circle, then calculate the area and circumference of the circle.
6. Write an python code to calculate the compound interest of the given P, T, R.
7. Write an python code to enter two numbers from the keyboard, then swap them without using 3rd variable.
8. Write an python code to enter two numbers and implement all the relational operators on that two numbers.
9. Write an python code to convert given paisa into its equivalent rupee and paisa as per the following format. 550 paisa = 5 Rupee and 50 paisa.
10. Write an python code to convert given second into its equivalent hour, minute andsecond as per the following format. Example. 7560 second = 2 Hour, 27 Minute and40 Second.
11. Write an python code to convert a quantity in meter entered through keyboard into its equivalent kilometer & meter as per the following format. Example - 2430 meter = 2 Km and 430 meter.
12. A cashier has currency notes of denominations 10, 50 and 100. If the amount to be withdrawn is input through the keyboard in hundreds, write an python code to find the total number of currency notes of each denomination the cashier will have to give to the withdrawer. Ramesh's basic salary is input through the keyboard. His dearness allowance is 40% of basic salary, and house rent allowance is 20% of basic salary. Write an python code to calculate his gross salary.