

1. Familiarizing Text Editor, IDE, Code Analysis Tools etc // Use any IDE like PyCharm,PyDev...
2. Display future leap years from current year to a final year entered by user.
3. List comprehensions:
 - (a)Generate positive list of numbers from a given list integers
 - (b) Square of N numbers
 - (c) Form a list of vowels selected from a given word
 - (d) List ordinal value of each element of a word (Hint: use ord() to get ordinal values)
4. Count the occurrences of each word in a line of text.
5. Prompt the user for a list of integers. For all values greater than 100, store 'over' instead.
6. Store a list of first names. Count the occurrences of 'a' within the list
7. Enter 2 lists of integers. Check (a) Whether list are of same length (b) whether list sums to same value (c) whether any value occur in both
8. Get a string from an input string where all occurrences of first character replaced with '\$', except first character.
[eg: onion -> oni\$n]
9. Create a string from given string where first and last characters exchanged. [eg: python -> nythop]
10. Accept the radius from user and find area of circle.
11. Find biggest of 3 numbers entered.
12. Accept a file name from user and print extension of that.
13. Create a list of colors from comma-separated color names entered by user. Display first and last colors.
14. Accept an integer n and compute n+nn+nnn.
15. Print out all colors from color-list1 not contained in color-list2.
16. Create a single string separated with space from two strings by swapping the character at position 1.
17. Sort dictionary in ascending and descending order.
18. Merge two dictionaries.
19. Find gcd of 2 numbers.
20. From a list of integers, create a list removing even numbers.