





You are asked to provide answers for the following questions:

- 1.Print First 10 natural numbers using while loop.
- 2.Display -10 to -1 using for loop.
- 3. Write a Python program that prints all the numbers from 0 to 6 except 3 and 6.
- 4. Calculate the sum of all number between 1 and 111.
- 5. Reverse the following list using for loop: list1 = [10, 20, 30, 40, 50]
- 6. Write a Python program to find those numbers which are divisible by 7 and 5, between 1500 and 2700 (both included).
- 7. Display a message "Done" after successful execution of for loop.
- 8. Write a Python program to create a lambda function that adds 15 to a given number passed in as an argument, also create a lambda function that multiplies argument x with argument y and print the result.
- 9. Write a Python program to square and cube every number in a given list of integers using Lambda.
- 10. Write a lambda function that returns takes x as parameter and returns x+2. Then assign it to a variable named L.
- 11. Write a function which takes two arguments: a and b and returns the multiplication of them: a*b. Assign it to a variable named f.
- 12. Write a Python program to add two given lists using map and lambda.
- 13. Write a map function that adds plus 5 to each item in the list.
- 14. Write a map function that adds "Hello, " in front of each item in the list.
- 15. Using map() function and len() function create a list that's consisted of lengths of each element in the first list.





- 16. Using map() function and lambda add each elements of two lists together. Use a lambda with two arguments.
- 17. Using map(), lambda and count() functions create a list consisted of the number of occurrence of letter: a.
- 18. Using map(), lambda and count() functions create a list consisted of the number of occurrence of both letters: A and a.
- 19. Using filter() function filter the list so that only negative numbers are left.
- 20. Using filter function, filter the even numbers so that only odd numbers are passed to the new list.
- 21. Using filter() and list() functions and .lower() method filter all the vowels in a given string.
- 22. This time using filter() and list() functions filter all the positive integers in the string.
- 23. Using map() and filter() functions add 2000 to the values below 8000.
- 24. Write a Python program to count the even, odd numbers in a given array of integers using Lambda.
- 25. Write a Python program to filter a given list whether the values in the list are having length of 6 using Lambda.
- 26. Write a Python program to find numbers divisible by nineteen or thirteen from a list of numbers using Lambda.
- 27. Using zip() function and list() function, create a merged list of tuples from the two lists given.
- 28. First create a range from 1 to 8. Then using zip, merge the given list and the range together to create a new list of tuples.
- 29. Using zip and dict functions create a dictionary which has its key-value pairs coming from lst1 and lst2.
- 30. Using zip, list and sorted functions create a sorted list of tuples from lst1 and lst2.

