

FOR LOOP

Program

1. Write a program to print all numbers between 0 to 50
2. Write a program to print all even numbers between 1 to 50
3. Write a program to print all odd numbers between 1 to 50
4. Write a program to print all elements of list in different line
Hint(Q4): L1 = [2,5,3,4,"apple",7,"mango",40]
5. Write a program to print all elements of list in same line
6. Write a program to print all characters of a string "My pet name is boxer" in each line
7. Write a program to print even number using increment parameter of range command.
8. Write a program to take input from user a number and check if it is prime number or not
9. Print the prime number in between 2 to 50
10. Write a Python program to find power of any number using for loop.
11. Write a program to print the number of vowels in the given word using dictionary
12. Write a program to check if the given string is a palindrome or not
13. Write a program to remove the duplicate elements in the list. array = [1, 2, 3, 4, 5, 2, 3, 4]
14. Write a program to count number of times each element of list is repeated. It should not print for Duplicate number the count"
15. Write a python script to find non-repeating character in string
16. Write a program to Reverse a number without converting it into string.
17. Write a program to Reverse a String without using builtin methods.
18. Write a program which will find all such numbers which are divisible by 7 but are not a multiple of 5, between 2000 and 3200 (both included). The numbers obtained should be printed in a comma-separated sequence on a single line.

19. With a given integral number n, write a program to generate a dictionary that contains (i, i*i) such that i is an integral number between 1 and n (both included). and then the program should print the dictionary.

Hint(Q19): "Suppose the following input is supplied to
the program: 8

Then, the output should be:

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{1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64}"
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20. Write a program that accepts a comma separated sequence of words as input and prints the words in a comma-separated sequence after sorting them alphabetically.

Hint(Q20): "Suppose the following input is supplied to
the program:

without,hello,bag,world

Then, the output should be:

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bag,hello,without,world"
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21. Write a program which accepts a sequence of comma separated 4 digit binary numbers as its input and then check whether they are divisible by 5 or not. The numbers that are divisible by 5 are to be printed in a comma separated sequence.

Hint(21): "Example: 0100,0011,1010,1001"

Then the output should be: 1010

Notes: Assume the data is input by console."

22. Write a program to compute $1/2 + 2/3 + 3/4 + \dots + n/n+1$ with a given n input by console ($n > 0$).

23. "Please write a program which counts and prints the numbers of each character in a string input by console.

Example:

If the following string is given as input to the program:

Abcdefgabc

Hint(Q23): "Then,

the output of the program should be:

a,2

c,2

b,2

e,1

d,1

g,1

f,1

24. Count the number of identical characters in a given string with some special case handling, and return the number with the highest count,

Hint(Q24): Etc, given string "coffee tuffee", should return 4

25. Sort a list of numbers without using sort functions list1 = [2,4,6,3,4,2,6,7,1,88,9,55,1]