

Programming Language Learning Series

Mastery of Python Language

(Interview Questions/Assignment-Streaming)

Q1: Create a list with the values 1,2,4,6,6,9,10,11,14. Use indexing to

- print the 3rd value
- print the last 2 values
- print only the odd values

Q2: By using list comprehension, please write a program for the following:

- print the list after removing numbers which are divisible by 3 and 5 in [5, 10, 40, 7, 53, 31, 12, 101]
- print the list after removing the 0th, 2nd, 4th, 6th numbers in [5, 10, 40, 7, 53, 31, 12, 101]
- generate a 3 * 4 2D-list whose elements are initialized to 0
- generate 2*3*5 3D-list whose each elements are initialized to 0

Please write a program using generator to print the numbers which can be divisible by 5 and 7 between 0 and n in comma separated form while n is input by console.