

Q1. Write a python program to print all even numbers from a given list of numbers in the same order and stop printing any after 237 in the sequence.

*Sample numbers list:*

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numbers = [  
    386, 462, 47, 418, 907, 344, 236, 375, 823, 566, 597, 978,  
    328, 615, 953, 345,  
    399, 162, 758, 219, 918, 237, 412, 566, 826, 248, 866,  
    950, 626, 949, 687, 217,  
    815, 67, 104, 58, 512, 24, 892, 894, 767, 553, 81, 379,  
    843, 831, 445, 742, 717, 958, 743, 527]
```

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Q2. Write a python program to find a list of integers with exactly two occurrences of nineteen and at least three occurrences of five. Return True otherwise False.

e.g. Input:

[19, 19, 15, 5, 3, 5, 5, 2]

Output:

True

Input:

[19, 15, 15, 5, 3, 3, 5, 2]

Output:

False

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Q3. Write a python program to find numbers that are greater than 10 and have odd first and last digits.

e.g. Input:

[1, 3, 79, 10, 4, 1, 39, 62]

Output:

[79, 39]

Input:

[11, 31, 77, 93, 48, 1, 57]

Output:

[11, 31, 77, 93, 57]

Q4. Write a python program to find the largest negative and smallest positive numbers (or 0 if none).

e.g. Input:

[-12, -6, 300, -40, 2, 2, 3, 57, -50, -22, 12, 40, 9, 11, 18]

Output:

[-6, 2]

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Q5. 5. Write a Python program that matches a string that has an a followed by zero or more b's.