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     Programiz
                               Programiz PRO
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                              main.py
            Output
    def three_sum(nums):
        nums.sort() # Step 1: Sort the
        result = []
        for i in range(len(nums) - 2): #
            if i > 0 and nums[i] == nums[i
10
            left, right = i + 1, len(nums)
14
            while left ≤ right:
                total = nums[i] +
16
                    nums[left] +
                    nums[right]
                if total == 0:
18
                    result.append([nums[i],
                       nums[left],
                       nums[right]])
20
                    while left < right and
                       nums[left] ==
                       nums[left + 1]:
                        left += 1
                    while left < right and
24
                       nums[right] ==
                       nums[right - 1]:
                        right -= 1
                    left += 1
28
                     right -= 1
                elif total < 0:
29
                     left += 1 # Need a
                     right -= 1 # Need a
        return result
35
37 nums = [-1, 0, 1, 2, -1, -4]
                                     Run
   print(three_sum(nums))
                                  <
      \equiv
                    0
```

