Combinations

Saturday, 6 May 2023 11:56 AM

nums = [2, 7, 11, 15] target = 9

(i) combinations = itertools.combinations(nums, 2)

(ii) Run loop in combinations

```
import itertools
nums = [3,3]
target = 6
all_combinations = itertools.combinations(nums,2)
output = []
for i in all_combinations:
    print(i)
    if sum(i) == target: # as per the given constraint in the
question, there will be only one feasible pair
        if i[0] != i[1]:
            output.append(nums.index(i[0]))
            output.append(nums.index(i[1]))
        else:
            output.append(nums.index(i[0]))
            output.append(nums.index(i[1],nums.index(i[0])+1))
print(output)
```

So that we don't get same occurrence again