Permutations

*from* itertools *import* permutations

a = list(permutations('ABC', 2))

b = list(permutations(range(3), 2))

c = list(permutations([1, 2, 3]))

print(a)

print(b)

print(c)

Out:

[('A', 'B'), ('A', 'C'), ('B', 'A'), ('B', 'C'), ('C', 'A'), ('C', 'B')]

[(0, 1), (0, 2), (1, 0), (1, 2), (2, 0), (2, 1)]

[(1, 2, 3), (1, 3, 2), (2, 1, 3), (2, 3, 1), (3, 1, 2), (3, 2, 1)]

* Tuple 형태로 출력.