22. 11. 1. 오후 9:46 Problem\_6

## Problem 6

Input (sigma) : list of size n, regarded as  $\sigma(i) = \operatorname{sigma}[i-1]$ .

```
In [ ]: def reverse_permutation(sigma : list) -> list:
    rev_p = [0 for _ in range(len(sigma))]
    for i in range(len(sigma)):
        rev_p[sigma[i]-1] = i+1

    return rev_p
```

Belows are some examples.

```
In []: print(reverse_permutation([1,2,3]))
    print(reverse_permutation([4,1,3,2]))
    print(reverse_permutation([6,2,4,5,3,1]))

[1, 2, 3]
    [2, 4, 3, 1]
    [6, 2, 5, 3, 4, 1]
```