

launch\_\_

April 1, 2025

[illegible]

```
[2]: num_stu = [{index: value} for index, value in enumerate(stu_list, start=1)]  
# num_stu  
for index, value in enumerate(num_stu, start=1):  
    print(f'{index} ', value)
```

```
1 {1: ' '}  
2 {2: ' '}  
3 {3: ' '}  
4 {4: ' '}  
5 {5: ' '}  
6 {6: ' '}  
7 {7: ' '}  
8 {8: ' '}  
9 {9: ' '}  
10 {10: ' '}  
11 {11: ' '}  
12 {12: ' '}  
13 {13: ' '}  
14 {14: ' '}  
15 {15: ' '}  
16 {16: ' '}  
17 {17: ' '}  
18 {18: ' '}  
19 {19: ' '}  
20 {20: ' '}  
21 {21: ' '}  
22 {22: ' '}  
23 {23: ' '}  
24 {24: ' '}  
25 {25: ' '}  
26 {26: ' '}  
27 {27: ' '}  
28 {28: ' '}  
29 {29: ' '}  
30 {30: ' '}
```

```
[3]: n1 = 10  
l1 = [10,10,3,4]
```

```
[4]: for _ in l1:  
    n1 += 1  
    print(n1)
```

```
11  
12  
13  
14
```

```
[5]: num = 5
random.shuffle(stu_list)
# print(range((len(stu_list) + num - 1) // num))
# print(stu_list[i * num : (i + 1) * num])
result = [
    stu_list[i * num : (i + 1) * num] for i in range((len(stu_list) + num - 1) //
    ↪ num)
]

# for i in range(2):
#     print(i)
```

```
[6]: for idx, r in enumerate(result, start=1):
    print(f"{idx} : ", end="")
    for name in r:
        print(name, end=', ')
    print()
```

```
1 : , , , , ,
2 : , , , , ,
3 : , , , , ,
4 : , , , , ,
5 : , , , , ,
6 : , , , , ,
```

```
[ ]: 
[ ]: 
[ ]: 
[ ]:
```