

QUIZ 1

COMP9021 PRINCIPLES OF PROGRAMMING

```
$ python3 quiz_2.py
```

```
Enter a permutation of 0, ..., n for some n >= 0: 7 2 6 4 3 5 1 0
```

```
Enter two integers, the second one between 0 and 10: 0 5
```

```
Here is your list:
```

```
[7, 2, 6, 4, 3, 5, 1, 0]
```

```
Here is my list:
```

```
[2, 1, 0, 4, 3]
```

Removing again and again the currently largest or smallest element in your list for as long as it currently starts or ends the list, we get:

```
[]
```

That's how to travel in my list:

```
0
```

```
1--
```

```
2--
```

```
-----3
```

```
4--
```

```
$ python3 quiz_2.py
```

```
Enter a permutation of 0, ..., n for some n >= 0: 1 0 3 2
```

```
Enter two integers, the second one between 0 and 10: 1 7
```

```
Here is your list:
```

```
[1, 0, 3, 2]
```

```
Here is my list:
```

```
[3, 6, 5, 2, 0, 4, 1]
```

Removing again and again the currently largest or smallest element in your list for as long as it currently starts or ends the list, we get:

```
[1, 0, 3, 2]
```

That's how to travel in my list:

```
0
```

```
----1
```

```
2-----
```

```
3-----
```

```
-----4
```

```
5-----
```

```
6--
```

```
$ python3 quiz_2.py
```

```
Enter a permutation of 0, ..., n for some n >= 0: 10 8 2 3 6 4 7 5 1 9 0
```

```
Enter two integers, the second one between 0 and 10: 3 10
```

```
Here is your list:
```

```
[10, 8, 2, 3, 6, 4, 7, 5, 1, 9, 0]
```

```
Here is my list:
```

```
[1, 5, 6, 0, 9, 4, 7, 2, 8, 3]
```

Removing again and again the currently largest or smallest element in your list for as long as it currently starts or ends the list, we get:

```
[6, 4, 7, 5]
```

That's how to travel in my list:

```

      0
1-----
-----2
          ----3
      4-----
5-----
--6
-----7
          ----8
      9-----

```