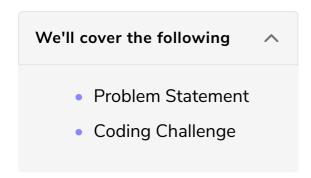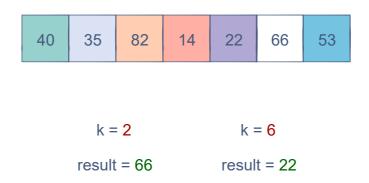# Exercise: Kth Maximum Integer in a List

This exercise is all about finding a particular number in a list!

Problem Statement

Given a list of integers and a number *k*, find the *kth* maximum element in the list. The element will be stored in the `kth_min` variable.

40	35	82	14	22	66	53

k = 2   k = 6

result = 66   result = 22

Coding Challenge

Take some time to figure out the smartest way to solve this problem. All the list methods and other data structures are available for use. The list being used is called 'test_list`.

Write the code in terms of `k`. You do not need to worry about its value. Assign the answer to `kth_min`.

If you feel stuck, refer to the solution review in the next lesson.

Good luck!

```
# The list has already been made
# The name of the list is test_list

# Write your code here
```