

1. Write the function that finds the maximum element of the given list.
2. Write the function that finds the maximum n th element of the given list.
3.
 - a. Write a function that opens a file and writes the key-value pairs (dictionary) according to following rules:
 - Function takes n as input and key value pairs for each line of the file.
 - You must implement a function that computes modular operation instead of using built-in python function (%).

n	key	value
1	10	3(=10%7)
2	20	6(=10%7)
3	30	2(=10%7)
4	40	5(=10%7)
5	50	1(=10%7)

- b. Read your previous file and create a dictionary that holds these key-value pairs.
4. Write a function *fibonacci_dict* to create key-value pairs (dictionary) as described below:

fibonacci_dict(n)
 keys: 1,...,n values: 0,1,1,2,3,...,f_n

Fibonacci series:

$$F_n = F_{(n-1)} + F_{(n-2)}$$