- Input with different method is different
- Select method
  - first line contains 3 integers: N,K,G
  - The second line contains N integers: $a_1, a_2, \ldots, a_N$, each separated by a single space.
- Iterative method
  - first line contains 2 integers: N, K
  - The second line contains N integers: $a_1, a_2, \ldots, a_N$, each separated by a single space.

Test case Constraints
- $10^7 \leq N \leq 10^8$ (C++ use dynamic memory allocation to store)
- $1 \leq K \leq N$
- $G \in \{3,5,7,9\}$ if the test case is SELECT algorithm. Otherwise, empty.
- $1 \leq a_i \leq 10^7$
- *All input values are integers.*

Sample Input for SELECT algorithm
10 4 3
10 9 8 7 6 5 4 3 2 1

Sample Output for SELECT algorithm
4

Sample Input for iterative method
10 4
10 9 8 7 6 5 4 3 2 1

Sample Output for iterative method
4

- Can put test case in a file, ex: input.txt
- Then use command like:
  - "python x1136010_select.py < input.txt"
  - "python x1136010_iterative.py < input.txt"
  - Important !! first line of input.txt for select and iterative is different!