

## ENSF 694 Lab 2

<https://github.com/PJGeronimo/ensf-694-lab2-PJGeronimo.git>

```
Paolo@LAPTOP-545Q9R63 MINGW64 ~/Documents/ENSF 694/Labs/ensf-694-lab2-PJGeronimo/src (main)
$ javac iterativeSearch.java

Paolo@LAPTOP-545Q9R63 MINGW64 ~/Documents/ENSF 694/Labs/ensf-694-lab2-PJGeronimo/src (main)
$ java iterativeSearch
Enter the number of elements in the array:
10
Enter the elements in the array:
23
12
11
34
45
65
33
10
11
19
Enter the search key:
11
LINEAR:
Search key found at index 2
Execution time: 6.4303 milliseconds.

LINEAR IMPROVED:
Search key found at index 8
Execution time: 0.3634 milliseconds.

INTERPOLATION:
Search key found at index 2
Execution time: 0.8327 milliseconds.
```