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Pseudocode:
get_filename()
 GET filename
 RETURN filename
read_file( filename )
 READ filename into the variable 'list'
 RETURN list
sort_list( list )
 n = len(list)
 FOR i ← 0 ... n – 1
                                  #1
   FOR j \leftarrow 0 ... n - i - 1
                                  #2
     IF list[j] > list[j+1]
       list[j], list[j+1] = list[j+1], list[j]
                                                   #3
 PUT list
main()
 filename = get_filename()
 list = read_file( filename )
 sort_list( list )
Efficiency: O(n^2)
```

TRACE: TEST CASE : [31, 72, 10, 32, 18, 95, 25, 50]

	i	j	n	list[j]	list[j+1]
1	0	0	8	31	72
2	0	0	8	31	72
3	0	0	8	31	72
1	1	6	8	50	95
2	1	6	8	50	95
3	1	6	8	50	95
1	2	5	8	50	72
2	2	5	8	50	72
3	2	5	8	50	72
1	3	4	8	32	50
2	3	4	8	32	50
3	3	4	8	32	50
1	4	3	8	31	32
2	4	3	8	31	32
3	4	3	8	31	32
1	5	2	8	25	31
2	5	2	8	25	31
3	5	2	8	25	31
1	6	1	8	18	25
2	6	1	8	18	25
3	6	1	8	18	25