1.

Write a C++ program to implement the insertion sort algorithm to:

- Read a list of integers separated by spaces
- Sort the integers
- Print the sorted integers separated by spaces.

For example:

Input	Result
5 2 9	2 5 9

2.

Write a C++ program to implement the bubble sort algorithm to:

- Read a list of integers separated by spaces
- Sort the integers
- Print the sorted integers separated by spaces.

For example:

Input	Result
8 7 1	1 7 8

3.

Write a C++ program to implement the optimized bubble sort algorithm to:

- Read a list of integers separated by spaces
- Sort the integers
- Print the sorted integers separated by spaces.

For example:

Input	Result
4 2 7	2 4 7

4.

Write a C++ program to implement the selection sort algorithm to:

- Read a list of integers separated by spaces
- Sort the integers
- Print the sorted integers separated by spaces.

For example:

Input	Result
3 6 4	3 4 6