Code Analysis: Encapsulation and Modularity

1. **Encapsulation**
    - The use of `private` variables inside a class would be necessary if we had instance variables. However, since everything is contained within `main()`, there are no fields requiring encapsulation.
    - If we were to extend this program, it would be better to encapsulate the list within a separate class with getter/setter methods.
2. **Modularity**
    - The program follows **single responsibility principle** by keeping all logic within the `main()` method.
    - However, for better modularity, the sorting logic could be extracted into a separate method, improving code maintainability.