

CS2000 Lab Statement 4

Implement the following with the Technique of separation of interface from implementation using C++ Programming Language

1. Implement a C++ program to test drive scopes and storage classes w.r.t variables.
2. Implement a C++ program to test drive scopes and storage classes w.r.t objects
3. Implement a C++ program to test drive function overloading for sorting an array of integers, floating point, and character values.
4. Implement a C++ program to test drive function template for sorting an array of integers, floating point, and character values.
5. Create package Square and implement functions for
 - (a) Checking magic square
 - (b) Generating magic square
 - (c) Generating Latin square