

### **CS2000 Lab Statement 3**

Implement the Following programs using the technique of separation of Interface from Implementation in C++ language.

1. Create a time package, Which has the following  
Constructor, a function that performs conversion of time in 24 Hrs Format to 12hrs format.
2. Create a Date Package, Which has the following  
Constructor, a function to display day of week based on date created
3. Test run the bubble sort code that uses function pointer
4. Based on Number package created on Lab Assignment 2, use the concept of function pointers to demonstrate the same