Optional Assignment 03

Q1. Write a class Distance to hold feet and inches. Overload operator + as member function and == operator as friend function. Also, overload ++ operator (to increment inches) as member function and -- operator as friend function. Overload << and >> operators to accept and display distance.

Q2. Write a class to store Account information of Bank customer by using following class diagram.
Use enum to store information of account type.
Create an array of 5 Accounts in main() and accept their details from user.
Write Menu driven program to deposit/withdraw amount from the account.
After each transaction display updated account balance.
Throw exceptions for invalid values.
Also implement an exception class InsufficientFundsException.
In withdraw if sufficient balance is not available in account or while deposit the entered amount is negative then throw this exception.