```cpp
//*********************************************************************
// TITLE:                   Exam 1
// FILENAME:                main.cpp
// PREPARED FOR:            CS230
// PROGRAMMER(S):           Devon J. Smith
// DEVELOPMENT DATE:        08/03/14
// COMPILER USED:           Apple LLVM Version 5.1
// TARGET PLATFORM:         Mac OS X i386 & x86_64
//===================================================================
//                          PROJECT FILES
//     <LIST ALL PROGRAM AND HEADER FILES IN THE PROJECT HERE>
//        main.cpp (main)
//        Donations.cpp
//        Donations.h
//===================================================================
//        REVISION HISTORY
//    List revisions made to the Program
//
//    DATE      PROGRAMMER              DESCRIPTION OF CHANGES MADE
//     08/03/14 Devon J. Smith          Original
//===================================================================
//                 PROGRAM DESCRIPTION
//  Gets a vector of people and calculates donations made. Also determines if the
//     person is home
//  or not.
//
// INPUTS:   None
//
// OUTPUTS:  A list of people and how much they donated. Outputs total donations
//     and expected donations
//
//===================================================================
//                          INCLUDE FILES
#include "Donations.h"
//
//===================================================================
//                          CONSTANT DEFINITIONS
//                              NONE
//
//===================================================================
//                          EXTERNAL CLASS VARIABLES
//                              NONE
//===================================================================


//*********************************************************************
//                     BEGINNING OF PROGRAM CODE
//*********************************************************************
using namespace std;

int main(int argc, const char * argv[])
{
    Donations d;
    vector<Donations> donationList;
    int expectedDonations = 0;
    int totalDonations = 0;
    srand((unsigned) time(NULL));
```

```cpp
        donationList.push_back(Donations("Nelsons", d.actualDonation(2)));
        donationList.push_back(Donations("Hills", d.actualDonation(1)));
        donationList.push_back(Donations("Kings", d.actualDonation(3)));
        donationList.push_back(Donations("Martins", d.actualDonation(1)));
        donationList.push_back(Donations("Moores", d.actualDonation(2)));
        donationList.push_back(Donations("Wilsons", d.actualDonation(1)));
        donationList.push_back(Donations("Davis", d.actualDonation(3)));
        donationList.push_back(Donations("Browns", d.actualDonation(2)));
        donationList.push_back(Donations("Williams", d.actualDonation(2)));
        donationList.push_back(Donations("Johnsons", d.actualDonation(2)));
        donationList.push_back(Donations("Smiths", d.actualDonation(1)));
        donationList.push_back(Donations("Jones", d.actualDonation(2)));

        for (int i = 0; i < donationList.size(); i++)
        {
            int home = rand() %10;
            if (home > 6)
            {
                expectedDonations += donationList[i].getDonation();
                cout << "The " << donationList[i].getName() << " are not home and
                        have been deffered." << endl;
            }
            else
            {
                expectedDonations += donationList[i].getDonation();
                totalDonations += donationList[i].getDonation();
                cout << "The " << donationList[i].getName() << " have donated $" <<
                        donationList[i].getDonation() << "." << endl;
            }
        }
        cout << "The expected total donation today was: $" << expectedDonations <<
              endl;
        cout << "The actual total donation today was: $" << totalDonations << endl;
        return 0;
}
/*
 The Nelsons are not home and have been deffered.
 The Hills have donated $3.
 The Kings have donated $68.
 The Martins have donated $4.
 The Moores have donated $5.
 The Wilsons have donated $4.
 The Davis have donated $98.
 The Browns are not home and have been deffered.
 The Williams have donated $5.
 The Johnsons have donated $5.
 The Smiths are not home and have been deffered.
 The Jones have donated $5.
 The expected total donation today was: $208
 The actual total donation today was: $197
 */
```