The TaxFormD class is derived from the TaxForm class, and has a map that has string has keys and double as the data.

```
int main(int argc, char* argv[])
  string SSN;
  TaxPayers payers;
  payers.read(argv[1]);
  cout << "SSN to check (0 to end) : ";
  cin >> SSN;
  while (SSN != "0")
    payers.checkDeductions(SSN);
    cout << "SSN to check (0 to end) : ";
    cin >> SSN;
  } // while
  return 0;
[ssdavis@lect1 finalA]$ cat taxInfo.txt
592-35-1000 4390.57 Mortgage 4000.00 Medicine 250.00 Fees 140.57
332-78-4392 5012.66 Taxes 2000.00 Mortgage 3000.00
448-89-9923 300.12 Doctors 120.00 Charity 200.00
[ssdavis@lect1 finalA]$
[ssdavis@lect1 finalA]$ a.out taxInfo.txt
SSN to check (0 to end) : 592-35-1000
12345678901234567890 // Added by Sean for formatting guidance.
Fees
              140.57
Medicine
             250.00
             4000.00
Mortgage
             4390.57
Total:
Deductions OK
SSN to check (0 to end) : 332-78-4392
Mortgage
            3000.00
Taxes
             2000.00
Total:
             5000.00
Deductions not OK
SSN to check (0 to end) : 332-78-0000
332-78-0000 not found
SSN to check (0 to end) : 448-89-9923
Charity
              200.00
Doctors
              120.00
Total:
              320.00
Deductions not OK
SSN to check (0 to end): 0
[ssdavis@lect1 finalA]$
```

```
class ListNode {
  TaxFormD taxFormD;
  ListNode *prev;
 ListNode *next;
  ListNode(const TaxFormD &tf, ListNode *p, ListNode *n) : taxFormD(tf), prev(p),
  { }
  friend class TaxPayers;
}; // class ListNode
class TaxPayers
 ListNode *head;
public:
 TaxPayers();
 void read(const char *filename);
 void checkDeductions(const string &SSN) const;
}; // class Taxpayers
class TaxForm
 string SSN;
protected:
  double deductions;
  istream& read(istream &is); // reads SSN and deductions from is.
  TaxForm(const string &S, double ded);
 virtual ~TaxForm();
 virtual void check() const = 0;
 const string& getSSN()const;
}; // class TaxForm
```