

```

#define nCompanies 30                //number of companies
typedef char string[50];

struct CompanyData {                //company data type
    int nEntries;                    //number of daily entries the company has
    string CompanyName;              //string of company name
    DType entry [nEntries];          //DType array of entries
                                     //which will store the dates, OHLC prices,
                                     //and volume of each daily data entry
};
typedef struct CompanyData CType;

int
main () {
    CType company [nCompanies]      //array of CType companies, of size 30
    return 0;
}

```


CDType company [nCompanies]
array of 30 companies

Number of Data Entries
int nEntries
Company Name
string CompanyName
Array of Data Entries
DDType entry[nEntries]

CDType company[]
structure data type for companies

DDType entries[nEntries]
array of daily data entries which contain:
strDate date
float open, high, low, close
float volume