

//Project 1 CIS247C

//Created by Julian Barber

#include "stdafx.h"

#include <iostream>

#include <string>

#include <fstream>

#include <iomanip>

#include <conio.h>

using namespace std;

//Functions

void Heading();

int main()

{

char ch;

string strDistrict\_No, strCounty\_No, strCity\_No, strAccount\_No, strFiller\_1, strFiller\_2, AccountName;

string old\_District,old\_County,old\_City,old\_Account;

int subtotal=0;

int total=0;

cout << endl << fixed << setprecision(2);

ifstream inFile;

inFile.open("FBRK.TXT", ios::in);

Heading();

if (inFile.is\_open())

{

getline(inFile, strDistrict\_No, ',');

getline(inFile, strCounty\_No, ',');

getline(inFile, strCity\_No, ',');

getline(inFile, strFiller\_1, ',');

getline(inFile, strAccount\_No, ',');

getline(inFile, strFiller\_2, '\n');

old\_District = strDistrict\_No;

old\_County = strCounty\_No;

old\_City = strCity\_No;

old\_Account = strAccount\_No;

int county\_total =0;

int district\_total = 0;

int city\_total = 0;

int account\_total = 0;

float district\_Counter = 0.0;

float city\_Counter = 1;

float county\_Counter = 1;

while (!inFile.eof())

{

int AccountName\_In = stoi(strAccount\_No.c\_str());

int bond;

switch(AccountName\_In)

{

case 1:

AccountName = "HIGHWAY CONSTRUCTION ";

bond = 300000;

break;

case 2:

AccountName = "PARKS & RECREATION ";

bond = 270000;

break;

case 3:

AccountName = "MENTAL HEALTH ";

bond = 150000;

break;

case 4:

AccountName = "SCEONDARY SCHOOLS ";

bond = 450000;

break;

case 5:

AccountName = "COLLEGE & UNIVERSITY ";

bond = 325000;

break;

case 6:

AccountName = "POLICE - FIRE ";

bond = 450000;

break;

default:;

}//endSwitch

if (old\_District != strDistrict\_No)

{

cout << "\n City #"<< old\_City << " TOTAL " << city\_total << "\*" << endl;

cout << endl;

old\_City = strCity\_No;

city\_total = 0;

cout << "\n COUNTY #"<< old\_County << " TOTAL " << county\_total << "\*\*" << endl;

cout << endl;

old\_County = strCounty\_No;

county\_total = 0;

cout << "\n DISTRICT #"<< old\_District << " TOTAL " << district\_total << "\*\*\*" << endl;

cout << endl;

old\_District = strDistrict\_No;

total = district\_total + total;

district\_total = 0;

district\_Counter=0;

}//end of if loop

if(old\_County != strCounty\_No)

{

cout << "\n City #"<< old\_City << " TOTAL " << city\_total << "\*" << endl;

old\_City = strCity\_No;

city\_total = 0;

cout << "\n COUNTY #"<< old\_County << " TOTAL " << county\_total << "\*\*" << endl;

cout << endl;

old\_County = strCounty\_No;

county\_total = 0;

county\_Counter=0;

}//end of if loop

if(old\_City != strCity\_No)

{

cout << "\n City #"<< old\_City << " TOTAL " << city\_total << "\*" << endl;

cout << endl;

old\_City = strCity\_No;

city\_total = 0;

city\_Counter=0;

}//end of if loop

//flags for final control break

if (district\_Counter == 0)

{

cout << strDistrict\_No << " " << strCounty\_No << " " << strCity\_No << " " << strAccount\_No << " " << AccountName << " " << bond << endl;

district\_Counter++;

}

else

if (city\_Counter == 0)

{

cout << " " << strCity\_No << " " << strAccount\_No << " " << AccountName << " " << bond << endl;

city\_Counter++;

}

else

if (county\_Counter == 0)

{

cout << " " << strCounty\_No << " " << strCity\_No << " " << strAccount\_No << " " << AccountName << " " << bond << endl;

county\_Counter++;

}

else

cout << " " << strAccount\_No << " " << AccountName << " " << bond << endl;

//Total counters

district\_total = district\_total + bond;

county\_total = county\_total + bond;

city\_total = city\_total + bond;

total = total + bond;

//get next line

getline(inFile, strDistrict\_No, ',');

getline(inFile, strCounty\_No, ',');

getline(inFile, strCity\_No, ',');

getline(inFile, strFiller\_1, ',');

getline(inFile, strAccount\_No, ',');

getline(inFile, strFiller\_2, '\n');

}//end of while

cout << "\n City #"<< old\_City << " TOTAL " << city\_total << "\*" << endl;

cout << "\n COUNTY #"<< old\_County << " TOTAL " << county\_total << "\*\*" << endl;

cout << "\n DISTRICT #"<< old\_District << " TOTAL " << district\_total << "\*\*\*" << endl;

cout << "\n Final "<< " TOTAL " << total << "\*\*\*\*"<< endl;

inFile.close();

}//end of if

else

cout << "Could not read the file\n";

system("PAUSE");

ch = \_getch();

return 0;

}

void Heading()

{

cout << " Proposed Bond issues" << endl;

cout << " " << endl;

cout << "DISTRICT COUNTY CITY ACCOUNT ACCOUNT BOND" <<endl;

cout << "NUMBER NUMBER NUMBER NUMBER NAME AMOUNT" << endl;

cout << " " << endl;

}