Exercise 5-2: Counting with Loops

#include <iostream>

#include <string>

using namespace std;

int main()

{

int num;

int count = 0;

char quitKey = 'y';

do

{

count = 0;

cout << "Enter a positive number: ";

cin >> num;

while (num < 0)

{

cout << "Enter a number greater than zero: ";

cin >> num;

}

for (int i = 0; i <= num; i++)

{

cout << count << endl;

count++;

}

cout << "Would you like to quit? Type 'q' to exit: ";

cin >> quitKey;

} while (quitKey != 'q');

system("pause");

return 0;

}

Exercise 5-3: Vote Tally Continued

#include <iostream>

#include <iomanip> //can be used for formatting in later program modding

#include <string>

#include <fstream> //included for opening, reading, writing, and closing file

using namespace std;

int main()

{

ifstream inFile; //included for writing to file

ofstream outFile; //included for reading file

/\*five Yes or No votes from three districts\*/

const int SIZE = 9;

int districtsArray[SIZE];

char votesArray[SIZE];

inFile.open("votes.txt"); //opens txt file for input - writing

outFile.open("votes.dat"); //opens out file for output - reading

cout << "Creating txt file with voter data info...\n"; //message displayed when program is run

for (int i = 0; i < SIZE; i++)

{

inFile >> districtsArray[i];

inFile >> votesArray[i];

outFile << "District #" << districtsArray[i] << " voted ";

outFile << votesArray[i] << endl;

}

inFile.close(); //closes txt file

outFile.close(); //closes out file

system("pause");

return 0;

}