// Program SumDigits.cpp prompts for and reads a one-digit number.

// Values between 0 and the digit (inclusive) are summed.

#include <iostream>

using namespace std;

int main ()

{

int counter; // loop-control variable

int sum; // running sum

int digit;

cout << "Enter a one-digit number; press return."

<< endl;

cin >> digit;

counter = /\* TO BE FILLED IN \*/

sum = /\* TO BE FILLED IN \*/

while ( ) /\* TO BE FILLED IN \*/

{

/\* TO BE FILLED IN \*/

}

cout << "Sum of digits between 0 and "

<< digit << " is " << sum << endl;

system("PAUSE");

return 0;

}

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

// Program Shell1.cpp counts the number of uppercase letters on a line.

// The line must end with a period

#include <iostream>

using namespace std;

int main ()

{

char letter;

int letterCt=0;

cout<<"Type in a bunch of characters ending with a period."<<endl;

cin>>letter;

while ( ) /\* TO BE FILLED IN \*/

{

/\* TO BE FILLED IN \*/

}

cout<<"For the characters entered the number of uppercase letters is "<<letterCt<<endl;

system("PAUSE");

return 0;

}  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

// Program CountMarks.cpp counts punctuation marks in a file.

#include <iostream>

#include <fstream>

using namespace std;

int main ()

{

ifstream inData;

char symbol;

int periodCt = 0;

int commaCt = 0;

int questionCt = 0;

int colonCt = 0;

int semicolonCt = 0;

inData.open("switch.dat");

/\* FILL IN \*/

system("PAUSE"

return 0;

}

/\*data file switch.dat contains

There are lots of symbols in this file: ..;;??

.,.,.,?::: .

\*/  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// This program NotEqual.cpp counts the occurrences of "!=" in a data file

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#include <iostream>

#include <fstream> // For file I/O

using namespace std;

int main()

{

int count; // Number of != operators

char prevChar; // Last character read

char currChar; // Character read in this iteration

ifstream inFile; // Data file

inFile.open("myfile.dat"); // Attempt to open file

if ( !inFile )

{ // If file wouldn't open, print message, terminate program

cout << "Can't open input file" << endl;

return 1;

}

count = 0; // Initialize counter

inFile.get(prevChar); // Initialize previous value

inFile.get(currChar); // Initialize current value

while (inFile) // While input succeeds . . .

{

if (currChar == '=' && // Test for !=

prevChar == '!')

count++; // Increment counter

prevChar = currChar; // Update previous value to current

inFile.get(currChar); // Get next value

}

cout << count << " != operators were found." << endl;  
 system(“PAUSE”);

return 0;

}\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

contents of myfile.dat

<= !!! === != ! = !=