/\*

Incomes Program

This program reads a file of income amounts classified by gender and computes the average income for each gender

\*/

#include <iostream>

//For Setprecision()

//For file I/O

#include <string> //For string type

using namespace std;

int main() {

//Coded 'F' = female, 'M' = male

//number of female and male income amounts

float amount, femaleSum, maleSum, femaleAverage, maleAverage; //Amount of income, totals, and average

ifstream incFile; //File of income amounts

string fileName; //External name of file

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

cout << "Name of the income data file: ";

cin >> ;

incFile.open(fileName.c\_str());

if ( !incFile )

{

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

return X;

}

incFile >> gender >> amount; //Perform priming read

/\* Initialize process \*/

Count = ;

Sum = ;

Count = ;

Sum = ;

/\* Update process \*/

while (incFile)

{

cout << "Gender: " << gender << " Amount: " << amount << endl;

if (gender == 'F')

{

}

else

{

}

incFile >> gender >> amount; //Update ending condition

}

/\* Compute average incomes \*/

femaleAverage =

maleAverage =

/\* Output results \*/

Female count and average

Male count and average

return Y;

}