Program to compute average fuel comsumption

Code:-

#include<iostream>

using namespace std;

void CalcAvg();

int main() {

CalcAvg();

cout << endl << endl;

system("pause");

return 0;

}

//Variable input

void CalcAvg() {

int week[] = { 4,11,18,25 };

double miles[4] = {};

double gallons[4] = {};

char a[] = "Please input Gallons and Miles for the week ";

char b[] = "\n";

cout.setf(ios::fixed);

cout.precision(1);

for (int i = 0;i < 4;i++) {

cout << a << i + 1 << b;

cin >> gallons[i] >> miles[i];

}

//Starting a heading

cout << "Week of\t\t\t Gallons\t\tMiles\t\tAverage\n";

//Process display outcomes

double gallonsTotal = 0, milesTotal = 0, Average = 0, AverageTotals = 0;

for (int i = 0;i < 4;i++) {

gallonsTotal += gallons[i];//accumulating gallons

milesTotal += miles[i]; //accumulating miles

Average = miles[i] / gallons[i]; //Getting Average

cout << "\nMarch of " << week[i] << "\t\t " << gallons[i] << "\t\t\t " << miles[i] << "\t\t " << Average;

}

//display grand totals and Average

cout << "\n-------------------------------------------------------------------------------\n";

double gallonAverage = gallonsTotal / 4, milesaverage = milesTotal / 4, Average\_Total = milesTotal / gallonsTotal;

cout << "Total\t\t\t " << gallonAverage << "\t\t\t " << milesaverage <<"\t\t " << Average\_Total;

//Extra Comment

cout << "\n\nYou need to watch your fuel comsumption buddy.\n";

}

Program Run:-

