Design of AssignmentYou:

Assignment You uses 5 variables to compute something from my world

I have chosen Nannying

Variables:

The average amount of days spent Nannying in one week: averageDaysNannyingInWeek = double 2.5

The amount of gas my car uses in one 25-mile trip: gasUsedIn25Miles =1.45 gallons – double

The average price of Premium Gas: costOfPremiumGas= 2.75 double

The total amount of gas expenses: totalGasExpenses= double

The Art supplies and entertainment for kids: costOfEntertainmentSupplies =interger $20

The total amount of expenses: totalExpensesOfNannying =double

The Rate per hour I charge: ratePerHour=interger $14

The average amount of hours I spend at each family’s house: averageHoursSpentNannying= interger- 5 hours

The amount I earn Nannying in a Week: totalAmountEarnedweek= double

Total amount I earn Nannying in a Month: totalAmountEarnedMonth= double

Pseudocode:

The program will compute the actual amount of money I earn nannying in an average month after the gas I used, money for entertainment supplies, the days and hours I nanny.

Program runs as follows:

Compute the expenses of the trips =

Find the total expenses by multiplying the gas my car uses by the price of gas, then multiply that by the average times nannying in one week. Add the price of gas to the cost of Entertainment supplies and that equals total expenses

Compute the amount Earned =

First find the amount earned in one job by multiplying the rate per hour times the average hours I nanny. Then multiply that by the amount of average times I nanny in one week. Subtract the expenses of one week.

Because there is an average of four weeks in one month, to find the average earned in a month multiply the amount earned in a week times four.