```c
/*****************************************************************/
/*                                                               */
/*    A sample solution for Homework-1 Part-2.                   */
/*                                                               */
/*                                                               */
/*****************************************************************/

/* Include libraries */
#include <stdio.h>

#define NUMBER_OF_YEARS 5    /* Compute the cost for NUMBER_OF _YEARS */

/* Writes initial cost, annual fuel cost, tax rate and   *
 * NUMBER_OF _YEARS costs of a house to a file           */
int printCostToFile(FILE * file, int initialCost,
                        int annualFuelCost, double taxRate, double cost);

int main()
{
    FILE * inputFile, *outputFile; /* Files */

    int initialCost, annualFuelCost;
    double taxRate;
    double cost;

    /* Open files */
    inputFile  = fopen("input.txt", "r");
    outputFile = fopen("output.txt", "w");

    /* Print headings to the output file */
    fprintf(outputFile,
        "Initial House Cost\tAnnual Fuel Cost\tTax Rate\tTotal Cost\n");

    /* Read information of 1st house*/
    fscanf(inputFile, "%d%d%lf", &initialCost, &annualFuelCost, &taxRate);
    /* Compute the cost */
    cost = initialCost + NUMBER_OF_YEARS * annualFuelCost
            + NUMBER_OF_YEARS * taxRate * initialCost;
    /* Write the information of 1st house to the output file */
    printCostToFile(outputFile, initialCost, annualFuelCost, taxRate, cost);

    /* Read information of 2nd house*/
    fscanf(inputFile, "%d%d%lf", &initialCost, &annualFuelCost, &taxRate);
    /* Compute the cost */
    cost = initialCost + NUMBER_OF_YEARS * annualFuelCost
            + NUMBER_OF_YEARS * taxRate * initialCost;
    /* Write the information of 2nd house to the output file */
    printCostToFile(outputFile, initialCost, annualFuelCost, taxRate, cost);

    /* Read information of 3rd house*/
    fscanf(inputFile, "%d%d%lf", &initialCost, &annualFuelCost, &taxRate);
    /* Compute the cost */
    cost = initialCost + NUMBER_OF_YEARS * annualFuelCost
            + NUMBER_OF_YEARS * taxRate * initialCost;
    /* Write the information of 1st house to the output file */
    printCostToFile(outputFile, initialCost, annualFuelCost, taxRate, cost);
```

```c

    /* Read information of 3rd house*/
    fscanf(inputFile, "%d%d%lf", &initialCost, &annualFuelCost, &taxRate);
    /* Compute the cost */
    cost = initialCost + NUMBER_OF_YEARS * annualFuelCost
            + NUMBER_OF_YEARS * taxRate * initialCost;
    /* Write the information of 1st house to the output file */
    printCostToFile(outputFile, initialCost, annualFuelCost, taxRate, cost);

    /* Read information of 4th house*/
    fscanf(inputFile, "%d%d%lf", &initialCost, &annualFuelCost, &taxRate);
    /* Compute the cost */
    cost = initialCost + NUMBER_OF_YEARS * annualFuelCost
            + NUMBER_OF_YEARS * taxRate * initialCost;
    /* Write the information of 4th house to the output file */
    printCostToFile(outputFile, initialCost, annualFuelCost, taxRate, cost);

    /* Read information of 5th house*/
    fscanf(inputFile, "%d%d%lf", &initialCost, &annualFuelCost, &taxRate);
    /* Compute the cost */
    cost = initialCost + NUMBER_OF_YEARS * annualFuelCost
            + NUMBER_OF_YEARS * taxRate * initialCost;
    /* Write the information of 5th house to the output file */
    printCostToFile(outputFile, initialCost, annualFuelCost, taxRate, cost);

    /* Do not forget to close files */
    fclose(inputFile);
    fclose(outputFile);

    return 0;
}


/* Writes initial cost, annual fuel cost, tax rate and   *
 * NUMBER_OF _YEARS costs of a house to a file           */
int printCostToFile(FILE * file, int initialCost,
                        int annualFuelCost, double taxRate, double cost)
{
    /*formatted printting tip: use - to align left */
     fprintf(file, "%-24d%-24d%-16.3f%.0f\n",
         initialCost, annualFuelCost, taxRate, cost);

     return 0;
}
```