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Program 1

SE 114

PURPOSE: Develop a program which will determine the cost of a

vacation by car to a variety of locations.

VARIABLE DICTIONARY:

REPRESENTS VARIABLE

Cost of Trip cost\_of\_trip

Distance Traveled distance\_traveled

Gallons Used gallons\_used

Miles Per Gallon miles\_per\_gallon

Price Per Gallon price\_per\_gallon

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#include <iostream>

using namespace std;

double distance\_traveled;

double price\_per\_gallon;

double miles\_per\_gallon;

double gallons\_used;

double cost\_of\_trip;

int main()

{

system("cls");

cout << "Please Enter:" << endl << endl;

cout << " Distance ==============>";

cin >> distance\_traveled;

cout << " Price per gallon ======>";

cin >> price\_per\_gallon;

cout << " Miles per gallon ======>";

cin >> miles\_per\_gallon;

gallons\_used = distance\_traveled / miles\_per\_gallon;

cost\_of\_trip = gallons\_used \* price\_per\_gallon;

cout << "The cost of using this vehicle for the trip will be =======>" << cost\_of\_trip << endl;

system("PAUSE");

return 0;

}