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**//Class: CIST 2371 - Java I**

**//Project: Module 1 HW 2.23**

**//Title: JAVA Trip Total**

**//Description: Calculating the cost of a trip**

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**Start**

Declarations;

double distance;

double milesGallon;

double priceGallon;

double cost;

Output “Enter the total distance: “;

Input distance;

Output “Enter miles per gallon: “;

Input milesGallon;

Output “Enter price per gallon: “;

Input priceGallon;

Calculate cost = (int)((distance / milesGallon \* priceGallon) \* 100) / 100.0;

// \* 100 and / 100.0 to bring it down to two decimals

Output “The cost of this trip is $" + cost + ".";

**Stop**

// \* 100 and / 100.0 to bring it down to two decimals

Stop

Output “The cost of this trip is $" + cost + "."

Calculate cost = (int)((distance / milesGallon \* priceGallon) \* 100) / 100.0

Input priceGallon

Output “Enter price per gallon: “

Input milesGallon

Output “Enter miles per gallon: “

Input distance

Output “Enter the total distance: “

Declarations;

double distance;

double milesGallon;

double priceGallon;

double cost;

Start