**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**//Author: Collin Quigley**

**//Date Created: 8/24/2015**

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

**//Project: Module 1 HW 2.5**

**//Title: JAVA Subtotal and Gratuity**

**//Description: Displaying the gratuity and subtotal**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Start**

Declaration

double subtotal, gratuity, subtotalResult, gratuityResult;

Output “"Enter the Subtotal: “;

Input subtotal;

Output "Enter the Gratuity Rate Percent: ";

Input gratuity / 100;

// / 100 to change the gratuity to a percent

Calculate gratuityResult = subtotal \* gratuity;

Calculate subtotalResult = gratuityResult + subtotal;

Output "The Gratuity is $" + gratuityResult + " and the total is $" + subtotalResult + ".”;

**Stop**

/ 100 to change the gratuity to a percent

Stop

Output "The Gratuity is $" + gratuityResult + " and the total is $" + subtotalResult + ".”

Calculate subtotalResult = gratuityResult + subtotal

Calculate gratuityResult = subtotal \* gratuity

Input gratuity / 100

Output "Enter the Gratuity Rate Percent: "

Input subtotal

Output “"Enter the Subtotal: “

Declaration

double subtotal, gratuity, subtotalResult, gratuityResult

Start