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//SDEV 120

//4/16/2020

//MIDTERM PC

//MIDTERM PSEUDOCODE

//

Main Module

Declare FirstNumber , SecondNumber , Answer as Integer

Declare FirstName

Write “Hello! What is your first name?”

Input FirstName

Call MainMenu Module

Call Process Module

Call Output Module

Call Exit Module

End Main Program

//

//This section chooses the age and captures the two numbers.

MainMenu Module

Write " “ + FirstName + “, how old are you?"

Write " Younger than 8 years old  . . . . . . . . . . . Enter 0"

Write " Older than 8 years old . . . . . .. . . . . . . . Enter 1"

Write “ I want to quit the program ……………...Enter 2”

Write “ ………………………………..Selection …..🡪

Input Choice

Select Case Of Choice

Case 0:

Call Under 8 module

Case 1:

Call Over 8 module

Case 2:

End Main Program

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End Case

End MainMenu Module

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Process Module

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Under8 Module

Write " “ + FirstName + “, would you like to add or subtract?"

Write " I want to add……………………………...Enter 0”

Write " I want to subtract…………………………Enter 1”

Write “ I want to quit the program………………..Enter 2”

Write " Selection 🡪 "

Input Choice

Select Case Of Choice

Case 0:

Write "Please enter the first number.”

Input FirstNumber

Write “Please input the second number.”

Input SecondNumber

Set Answer = FirstNumber + SecondNumber

Write “ + FirstName + “ Your answer is “ + Answer + “.”

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Case 1:

Write "Please enter the first number.”

Input FirstNumber

Write “Please input the second number.”

Input SecondNumber

Set Answer = FirstNumber – SecondNumber

Write “ + FirstName + “ Your answer is “ + Answer + “.”

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Case 2:

End Main Program

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Over8 Module

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Write " Would you like to multiply or divide?"

Write " I want to multiply……………………………...Enter 0”

Write " I want to divide……...…………………………Enter 1”

Write " Selection 🡪 "

Input Choice

Select Case Of Choice

Case 0:

Write "Please enter the first number.”

Input FirstNumber

Write “Please input the second number.”

Input SecondNumber

Set Answer = FirstNumber \* SecondNumber

Write “ + FirstName + “ Your answer is “ + Answer + “.”

//

Case 1:

Write "Please enter the first number.”

Input FirstNumber

Write “Please input the second number.”

Input SecondNumber

Set Answer = FirstNumber / SecondNumber

Write “ + FirstName + “ Your answer is “ + Answer + “.”

//

Case 2:

End Main Program

End Process Module

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Output Module

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Write “Thank you for using Math Whiz, “ + FirstName + “!”

End Output Module