

Click to see challenge(s)

Topic: Variables and Operations • Activity: Unit Converter

Example: Celsius To Fahrenheit Conversion

(9/5)C + 32. The input Celsius value is an integer.

#Step 1: Assign initial values to the variables which we need for this program

base = 32 ?

conversion_factor = 9 / 5 ?

#Step 2: Read the input Celsius value

text = input("Enter the Celsius value: ") ?

celsius_temp = int(text) ?

#Step 3: Compute the Fahrenheit equivalent of the Celsius value

fahrenheit_temp = celsius_temp * conversion_factor + base ?

print("Celsius Temperature:", celsius_temp) ?

print("Fahrenheit Equivalent:", fahrenheit_temp) ?

explanation for that line

Construct a program that computes the Fahrenheit equivalent of an input Celsius value using the formula F =

Challenge

Close window

EXPLAIN THE PROGRAM 🏄

Topic: Variables and Operations • Activity: Unit Converter

Challenge: Fahrenheit to Celsius Conversion

Construct a program that computes the Celsius equivalent of an input Fahrenheit value using the formula C = (F-32) (5/9). The input Fahrenheit value is an integer.

Drag a tile to each missing field to construct this program.

1 #Step 1: Assign initial values to the variables which we need for this program
2 base = 32

4 #Step 2: Read the input Fahrenheit value
5 text = input("Enter the Fahrenheit use: ")
6 fahrenheit_temp = int(text)
7 #Step 3: Compute the Celsius equivalent in the Fahrenheit value

9 print("Fahrenheit Temperature:", fahrenheit_tex
10 print("Celsius Equivalent:", celsius_temp)

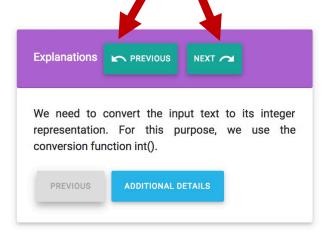
(5 / 9 = conversion_factor

(5 / 9 = conversion_factor

(5 / 9 = conversion_factor

Drag a tile from the list of tiles to each missing field

Start viewing explanations from line 1 and check explanations of the previous/next lines sequentially using previous/next buttons



Click to decrease/increase indentation of the line

Click to see hint for the incorrect line in red

