Fahrenheit to Celsius

Problem Description: In this problem you are given with a Start Fahrenheit Value (S), End Fahrenheit value (E) and Step Size (W), you need to convert all Fahrenheit values from Start to End at the gap of W, into their corresponding Celsius values and print the table.

How to approach?

1. Take the start value, end value and the step as input from the user.
2. Take a current value equal to start value.
3. Then, run a loop until current value becomes equal to end value with a step increment of W
4. In each iteration convert into corresponding celsius value. And print both fahrenheit and celsius value.

Pseudo Code for the problem:

Start, End, Step=input
Current value=Start
While Current value is less than equal to end:
*Fahrenheit=(5.0 / 9) * (Current Value - 32)*
Print (Fahrenheit Current Value)
Current Value=Current Value+W

- ❏ Let us Dry run the code for:
  Start = 0
  End = 100
  Step = 20

- Current Value=0 (<=100) then, by applying the formula *Fahrenheit=(5.0 / 9) * (Current Value - 32), Fahrenheit=* -17
  So print, 0 -17
- Current Value=0+20=20 (<=100) then, by applying the formula *Fahrenheit=(5.0 / 9) * (Current Value - 32), Fahrenheit=* -6
  So print, 20 -6
- Current Value=20+20=40 (<=100) then, by applying the formula *Fahrenheit=(5.0 / 9) * (Current Value - 32), Fahrenheit=* 4

So print, 40 4

- Current Value=40+20=60 (<=100) then, by applying the formula *Fahrenheit=(5.0 / 9) * (Current Value - 32), Fahrenheit*= 15
  So print, 60 15
- Current Value=60+20=80 (<=100) then, by applying the formula *Fahrenheit=(5.0 / 9) * (Current Value - 32), Fahrenheit*= 26
  So print, 80 26
- Current Value=80+20=100 (<=100) then, by applying the formula *Fahrenheit=(5.0 / 9) * (Current Value - 32), Fahrenheit*= 37
  So print, 100 37
- Current Value=100+20=120 (>100) then, move out of the loop and end.
- So the final printed output will be:
  0   -17
  20 -6
  40 4
  60 15
  80 26
  100 37