

Final Coding Test

Prolific ID

Write a Python program that takes *three integer* inputs from the user for *hours*, *minutes*, and *seconds*; then calculates the *total time* in seconds, and prints this result (*1 hour = 60 minutes*, *1 minute = 60 seconds*).

Write a Python program that takes a *floating-point* input as temperature in Celsius; then convert it to Fahrenheit, and print the result of the temperature in Fahrenheit. (use the formula *fahrenheit = (celsius × 9/5) + 32*)

Write a Python program to calculate simple interest. First, take *three inputs*: *two floating-point* numbers for *principal money* and *rate of interest*, and *one integer* number for *time*, then calculate the simple interest, and finally print the result. (use the formula: *interest = (principal × rate × time) / 100*)

Write a Python program that takes a *floating-point* number as input for the variable *radius*, then calculates the *volume* of a sphere, and prints the *volume*. (use *pi = 3.1416* and the formula: *volume = (4/3)*pi*radius*radius*)

Write a Python program that takes *three* inputs: *two strings* for the user's *first name* and *last name*, and one integer for the *year of birth*. Then, print both the names and the year sequentially, one after another.
