**Returning Multiple Values \*\* Save all your programs \*\***

Write functions that solve each task. Your functions should return all values to your main program.

* 1. Write a function called **get\_names()** that prompts the user to enter their first and last names. Return the first name and last name to the main program. Test this function in the main program and print the user’s full name.
  2. Write a function **quot\_rem(num1, num2)** that takes two numbers as parameters and returns the quotient and remainder when num1 is divided by num2. Test this function in the main program with at least the following values:

|  |  |  |
| --- | --- | --- |
| **num1** | **num2** | **Quotient and Remainder** |
| 7 | 2 | 3 and 1 |
| 18 | 5 | 3 and 3 |
| 72 | 12 | 6 and 0 |
| 0 | 12 | 0 and 0 |
| 3 | 8 | 0 and 3 |
| 3 | 0 | error |

3. Write a function **roots(a, b, c)** that takes the coefficients of a quadratic equation in standard form as parameters and returns the real roots of the quadratic equation. Test this function in the main program with the following values:

|  |  |  |  |
| --- | --- | --- | --- |
| **a** | **b** | **c** | **Roots** |
| 1 | -4 | 4 | 2 and 2 |
| 1 | 3 | -5 | 1.19 and -4.19 |
| 1 | 1 | 1 | error |