**Pseudocode**

***1. Input:***

* Prompt the user to enter the value of a and store it as an integer.
* Prompt the user to enter the value of b and store it as an integer.
* Prompt the user to enter the value of c and store it as an integer.

***2. Condition Check:***

* Calculate the value of the condition: (3 \* a\*\*4) - b\*\*3
* If the condition is greater than or equal to 0:
  + Print the message "we are good to go"

***3. Function Definitions (within the positive condition block):***

* Define a function functEquation1:
  + Inside the function:
    - Calculate the value of ans1: (b \*\* 2 - math.log(3 \* a)) / math.sqrt(condition)
    - Print a message displaying "functEquation1 returns" followed by the calculated value of ans1.
* Define a function functEquation2:
  + Inside the function:
    - Calculate the value of ans2: (b \*\* 2 + math.log(3 \* a)) / math.sqrt(condition)
    - Print a message displaying "functEquation2 returns" followed by the calculated value of ans2.

***4. Alternative Action (outside the positive condition block):***

* If the condition was not greater than or equal to 0 (else block):
  + Print the message "let's call it a day".