Day 1: Standard Deviation Puzzles #2

Objective

In this challenge, we practice calculating standard deviation.

Task

The heights of a group of children are measured. The resulting data has a *mean* of 0.675 meters, and a *standard deviation* of 0.065 meters. One particular child is 90.25 centimeters tall. Compute z, the number of standard deviations away from the mean that the particular child is.

Enter the value of z, correct to a scale of two decimal places.

Output Format

Your output must be a floating point/decimal number, correct to a scale of 2 decimal places. You can submit solutions in either of the 2 following ways:

1. Solve the problem manually and submit your result as *Plain Text*.
2. Submit an *R* or Python program, which uses the above parameters (hard-coded), and computes the answer.

Your answer format should resemble something like:

```
4.23
```

(This is **NOT** the answer, just a demonstration of the answering format.)