**Software Challenge**

Assumptions made when designing the program:

* The room has 4 walls.
* The walls are flat/have no fluctuations in shape.
* There are no windows or doors.
* That 1L of paint covers 7 square meters.

Things that I would refine/add if I had more time:

* Inputs and calculations to account for doors, windows etc.
* Option to add more than 4 walls.
* Option to add multiple coatings of paint.