Transcendent Endeavors code challenge

Please pick **only one** of the two prompts below and share your solution with **mplawley** over GitHub. An email to mlawley@t19s.com with a link to your solution works great.

- Use any front-end and back-end technology.
- There are no tricks or *gotchas* here; this is meant to be a straightforward challenge where simple solutions can work well.
- No need to work on this for more than a couple hours or less.
- To evaluate the project, we will **git clone** your repository, perform any installation and deployment instructions provided in your repo's README, and then demo a local deployment of your app to our internal team.

1. Create a web app that…
    a. Allows you to input a number *n* into a client input field
    b. Stores *n* in a database
    c. Returns *n * 2* to the client so that the user can see their number input multiplied by 2
    d. Stores *(n * 2)^2* in the database
    e. Returns *(n * 2)^2* to the client so that the user can see their number input multiplied by 2 and that result raised to the 2 power.
2. Create an app that procedurally generates a dungeon.
    a. See Wikipedia's article on procedural generation and random dungeons.
    b. A result that looks roughly like this or this will suffice.
    c. If your program accepts inputs, such as how many rooms to generate, whether hallways can overlap, or max/min size of any room, that is even better.
3. Alternatively, if you have a rich portfolio, provide link(s) to your past projects or open source and/or Stack Overflow contributions that demonstrate the same skillsets that the above prompts are eliciting.
    a. Example: https://github.com/mplawley/crawler
    b. Example: SO (see *kingofswords*)
    c. Example: https://github.com/mplawley/zelda-like-game
    d. Example: https://github.com/mplawley/thegame-enterprise