

Assignment #1: Design Document

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The house we are making is going to be a simple 2D house with the requirements listed in the assignment: (windows, garage doors, door, trees, clouds). We also added a sun coming out of the side of the frame.

While writing the code, to effectively segment the various tasks required for the project, we decided to split the responsibilities via files. We wrote two files: `main.py` and `shapes.py`.

`Shapes.py` contained all the functions necessary to make shapes using the Turtles library. This included the garage door, the entrance door, roof, square windows, and round windows for the house, as well as the tree, clouds, and sun. The background fill was incorporated in `main.py` as it pertains to the entire screen and not particular shapes.

Karthik will work on the modular components of the house, while Aaryan will work on the modular components of the background and parts of the image/depiction that are not directly on the house. Karthik will then finalize edits to `main` after Aaryan writes the shapes up. Aaryan worked on the design document and ReadMe file.

Here is a picture of how we planned out our image and how we would split things up.

