Weekly reports are to be emailed to atbecker@uh.edu by 5:00pm on Tuesdays. The purpose of a weekly report is to: (1) give you text and images for your papers, thesis, and dissertation, (2) document progress, (3) identify if you are stuck or need resources.

Weekly report

1. **My *Goals* from last week**

* Install Latex and compile assembly paper.
* Write the algorithm for ‘BuildFactory’ function in the paper and decide what figures are needed in the paper
* Update the codes on Github
* Think about a general rule for wasted tiles
* Start working on the hard parts which need to be decomposed and then joined together

1. **My *Accomplishments* this week**
   1. All the codes have been updated on github.
   2. For the figures in the paper, I think we should put the figure of the part with its factory which is comparatively smaller in size. For instance:



* 1. I’ve added the algorithm for BuildFactory; There would be corrections that need to be made
  2. I have modified the code so the tiles don’t get wasted now. I’ve added delays to the hoppers:

I still need to try the code for bigger parts but following is the factory layout for a six tile part





* 1. I’m working on finding the longest path of depth first search.

1. **My *Goals* for next week**
   1. Meeting with Dr. Becker on <18th November 2016 at 9:00 am>
   2. For the next week, I would work on the function which would join the decomposed parts.
2. **What I need Dr. Becker to do:**
   1. ----