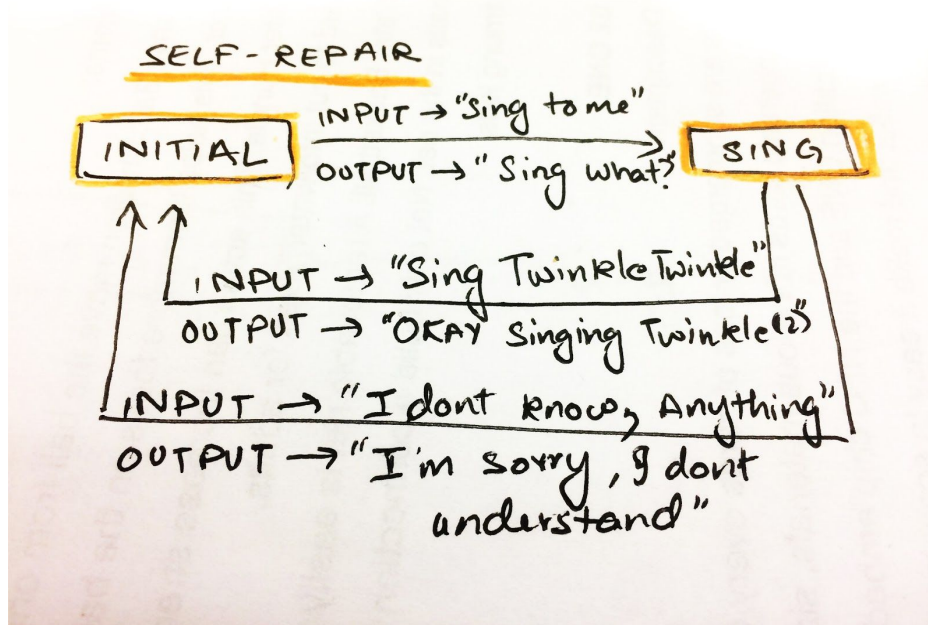
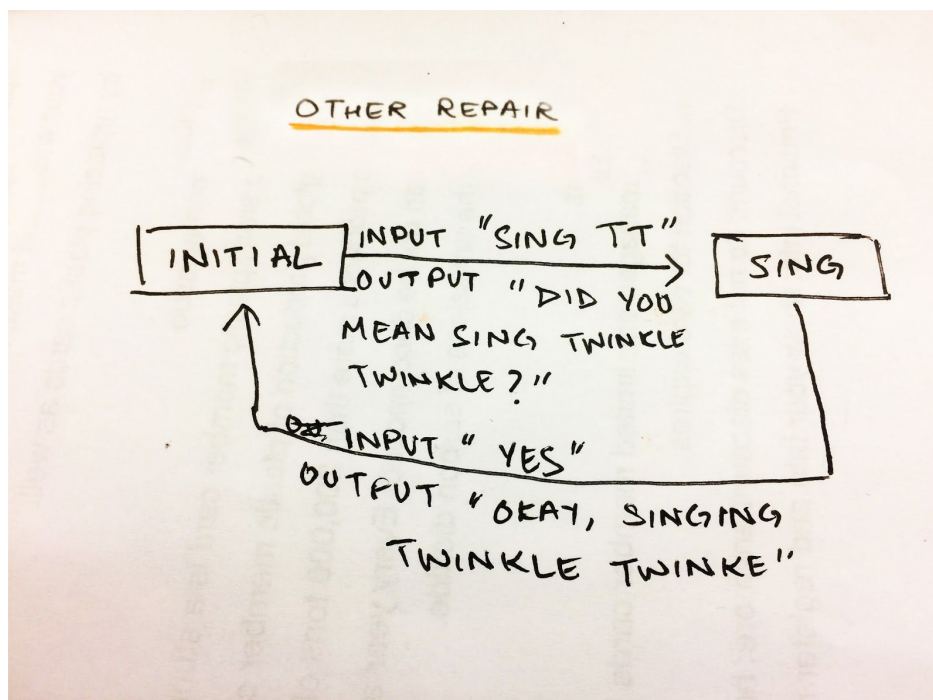


Assignment 3

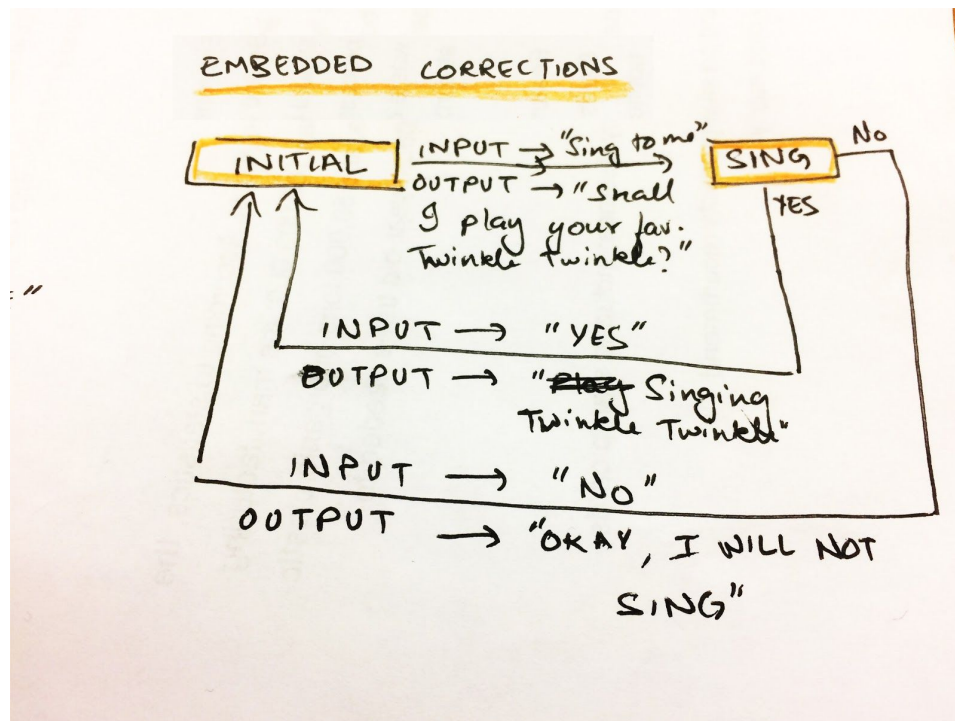
1. a) Self Repair



b) Other repair



c) Embedded Corrections



2. Connected, but alone? | TED talk by Sherry Turkle

This TED talk makes me realise the importance of Conversational Interfaces because it makes us think about the importance of human conversations.

In this age of information overload and easy connection, we have bite sized conversations with a lot of people but not real deep conversations with anybody. It takes us away from the immediate surroundings that we are in and makes us only physically present and mentally absent. This is a new social phenomenon and leads to frustration in many ways. Kids get frustrated when they don't have their parents' attention and parents get annoyed when kids don't listen to them and are on their phones all the time. When friends hang out, they find themselves texting other friends and not being together and truly enjoying each other's company. This leads to the question - How can we use technology and design our interactions in such a way that new devices do not indirectly take away from our conversations

but infact enable us to be more efficient while being more present in the moment. This takes me to the speculation I have been hearing about how phones will soon be obsolete as it is not the most effect form of communication. Conversational interfaces may be the more intuitive and efficient answer to all this. It enables us to be handsfree and still get the same work done. This is a key difference which will change the landscape of personal device technology as I see it in the near future.

3. Read the Linguistic Forms section of the Wikipedia article on Ambiguity:

https://en.wikipedia.org/wiki/Ambiguity#Linguistic_forms

Write about the possible linguistic ambiguities in your two chatbots.

The linguistic Forms section of this Wiki page was really interesting in the way that It made me think about the task oriented and non-task oriented bots that we are building. It made me realize how much complexity is usually written into any efficient code. It seems like artificial intelligence is about designing for all scenarios of ambiguity of meaning. The more scenarios we design for and include in the corpus, the more the precision and recall will be and the more intelligent an interface will seem.

What is also interesting is how language and culture will play into the ambiguity of meaning in future bots and interfaces.

4. Optional: Watch Episode 1 Season 1 of Humans (AMC show)

I watched the entire first season for this assignment and am now so paranoid about the possible dangers of not having a well regulated system for Artificial intelligence. I believe that everything they showed in the show is SO possible. Teaching bots to learn and recognise emotions is already happening. The only part I dont think is possible is understanding real consciousness. Humans dont know enough about consciousness and energy to really be able to duplicate it. But it scares me anyway.