* **What have I learnt this week?** In Week 2 of Introduction to Human Centered Complex systems, I have learnt what a model is, what makes a good model and the different types of models.
* **What do I 'now know' that I did not before?** I now know what I haven’t learnt before is the definition of a model, which is a representation of a system.

I also now know what makes a good model, which I can confirm now is one that is the most realistic and the least complex compared to other models.

I also now know why we should model, these answers include to better understand the data of the system, to also allow clearer thinking and also to simplify complex systems.

* **What insights have I gained?** One of the main insights that I have gained about modelling is there are vast advantages of modelling, which includes it allows us to apprehend the data of the system better. This data that is produced can also be analysed which can lead to improvements in the system. Another benefit of modelling is it explains the system better, which will enable the individual to understand the system in a more simplistic way.
* **What are (my/the) perceived strengths and weaknesses that I have observed?** One of the perceived strengths is that I am pretty good at analysing data, so this will be beneficial in modelling as throughout modelling, data has to be analysed and inspected. One of the disadvantages that I have observed is that my designing skills are not up to scratch as I am not good in drawing or creating things. I have that is a big disadvantage as there designing models is very important in modelling.
* **What were the challenges I have encountered/observed and how well (did I/my team) handle them?** As discussed above one of the main challenges that I have observed is my drawing skills are not up to scratch. I haven’t handled the situation of my drawing skills well because I have just realised during the tutorial that modelling requires a lot of drawing and creative skills in order to be good at modelling as it is a fundamental part of modelling.

Another challenge that I encountered/observed is that I still haven’t created a group for the group assignment. This wasn’t handled well because I am still a new member of the class with myself not knowing too many people within it.

* **What would I do better next time and with what anticipated results?** What I could do better next time as in, in the future lessons is to do online tutorials in order to improve my drawing and creative thinking. What I could do better next time in terms of the groups being chosen for the group assignment is to try and get into contact with a bunch of people within the class in order to get to understand their strengths and weaknesses. This will also help me to have more opportunities to be with the right group.
* **What theory proved to be useful and why?** What have I learnt from this? The theory that provided to be useful is why we should model. This was very useful as it enabled myself to understand the benefits of it towards complex systems.

Another bit of theory that provided to be useful is the several uses of models, which include to reason, communicate, explain etc. This was extremely useful because it allows myself to understand models better by seeing what it is used for.

Another bit of theory that provided to be useful is the types of models. This was very useful as it helped myself to understand the different approaches that are used to different models that have been created.