**Discussion Summary 1**

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Three aspects are included into the discussion of Group 6 on 29th January, 2018.

Firstly, workflow of git is most critical topic that cannot be avoided at this time. I am used to git since GitHub and Linux operating system are vital components in my daily work routine. But I do understand that git is not a tool that could be absorbed in a short time by novices so that discussion and idea exchange reveal their irreplaceable aims. Fortunately, all members in our group are familiar even experts to git and successfully commit and push A0 to the server without any struggles. As a result, we didn’t spend too much time on git and move to next topic in ease.

Secondly, the way to organize the homework is another topic to discuss. One group member mentioned that he is prefer to use python due to its open source. Another member would like to write codes in MatLab with Latex recording and explaining the process as he is more familiar with it rather than Python. The others including me were still considering pros and cons between these two approaches. As for Latex, more detailed technical problems were discussed. I showed my Latex editor and PDF document generated by running the script to members so that everyone could have a better understanding of Latex.

Lastly, ideas about letter detection referred on last lecture were exchanged and described. We all got the main concepts behind the h letter detection. However, detailed programming is still a big challenge for us to solve due to lack of details setup training. The good side is that the problem was maturely solved before decades so we could learn from recourses online and build our own thoughts and ideas later if some relative homework is given.