**Summary 1 of 01.09.2021**

**Homework 1**

The class started with the review of the syllabus, after everything was decided and we came up on conclusion of how the grading system will be done we started the real lecture concerning the class.

There were 2 key ideas of the class which were asymptotic notation and GIT. We did a revision of the 2 videos which were assigned as a homework. The idea behind the videos were about the transfer and the speed/efficiency of large inputs of data. To understand the idea behind it easier an analogy was given in one of the videos around the speed of the internet and pigeon. This analogy was fast and simple and made everything a lot easier to understand. After which the asymptotic notations idea was integrated to the class. It is calculation method which shows us how much space certain algorithm consumes based on the inputs provided and based on the mechanical factors of the machine being used. Throughout the class we learned how to calculate how many steps certain algorithms will take (N(o)2).

In the latter part of the class Narine started a lecture about the GIT. The key aspects of the presentation were

* What is GIT
* The way GIT is designed and is working
* And mainly how to get started with GIT

The class seemed easy and fun. Nothing yet not understandable for me about this. Thanks for the great materials to make everything easier to understand.