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CMPT220 Soft Dev I

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Lab 1: Writing Java Programs

The Waterfall model is a sequence of 8 stages of developing a software. Once you have completed a step, you should only move onto the next step, otherwise you will risk having to scrap your work. Agile uses a more incremental approach and allows you to work on one part of a software at a time. It allows you to make changes after your initial planning, and can help you get your work done faster.

With Waterfall methodology, the final project is planned and executed from the initial planning process, but the Agile methodology allows for more changes and adaptations on the projects. Agile doesn't have a very clear cut picture of what the end result will be, but this also allows the clients and developers to make changes to what they want along the way.

Agile has less meticulous bookkeeping, so if the project is dropped by one person and taken up by another, it may be hard to understand what the original goal was. Waterfall keeps detailed records of what the plan is, what has been done, and what is going to be done. This allows for an easy transfer of projects.

Whether someone chooses Agile or Waterfall is up to them, but both are greatly successful at helping finish a project and doing so quickly and productively.