

COL334

Assignment 2

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September 2021

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1 Preliminaries

The language used is **Java** since it offers cross-platform compatibility which is dubious in **C++** since there is no *standard* library for socket programming. This might lead to incompatibility when running the code on a platform different from the one it has been implemented on. **Java** is better than **python** since **python** is a relatively slower language and networking applications need to be quick to deliver the best performance.

2 server.java

The logical flow of the server is given as follows:



```
graph TD; A[initServer] --> B[closeAll]
```

initServer

closeAll