

Team members

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Responsibilities

The duties is divided equally among the team members. The projects are done by mob programming.

Documentation

The documentation of each project is written in the README.md file of the project folder. For better readability, the pdf version of the documentation is also provided in the project folder.

Environment

gcc version 11.4.0 (Ubuntu 11.4.0-1ubuntu1~22.04)

7.1 Designing a Thread Pool

folder: `thread_pool`

7.2 The Sleeping Teaching Assistant

folder: `STA`

7.3 The Dining Philosophers Problem

folder: `dining_philosophers`

7.4 The Producer-Consumer Problem

folder: `producer_consumer`

8 Banker's Algorithm

folder: `banker`

9 Contiguous Memory Allocation

folder: `contiguous_memory`