Parallel Programming Exercise 9

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(If you and your team member contribute equally, you can use (co-first author), after each name.)

1.
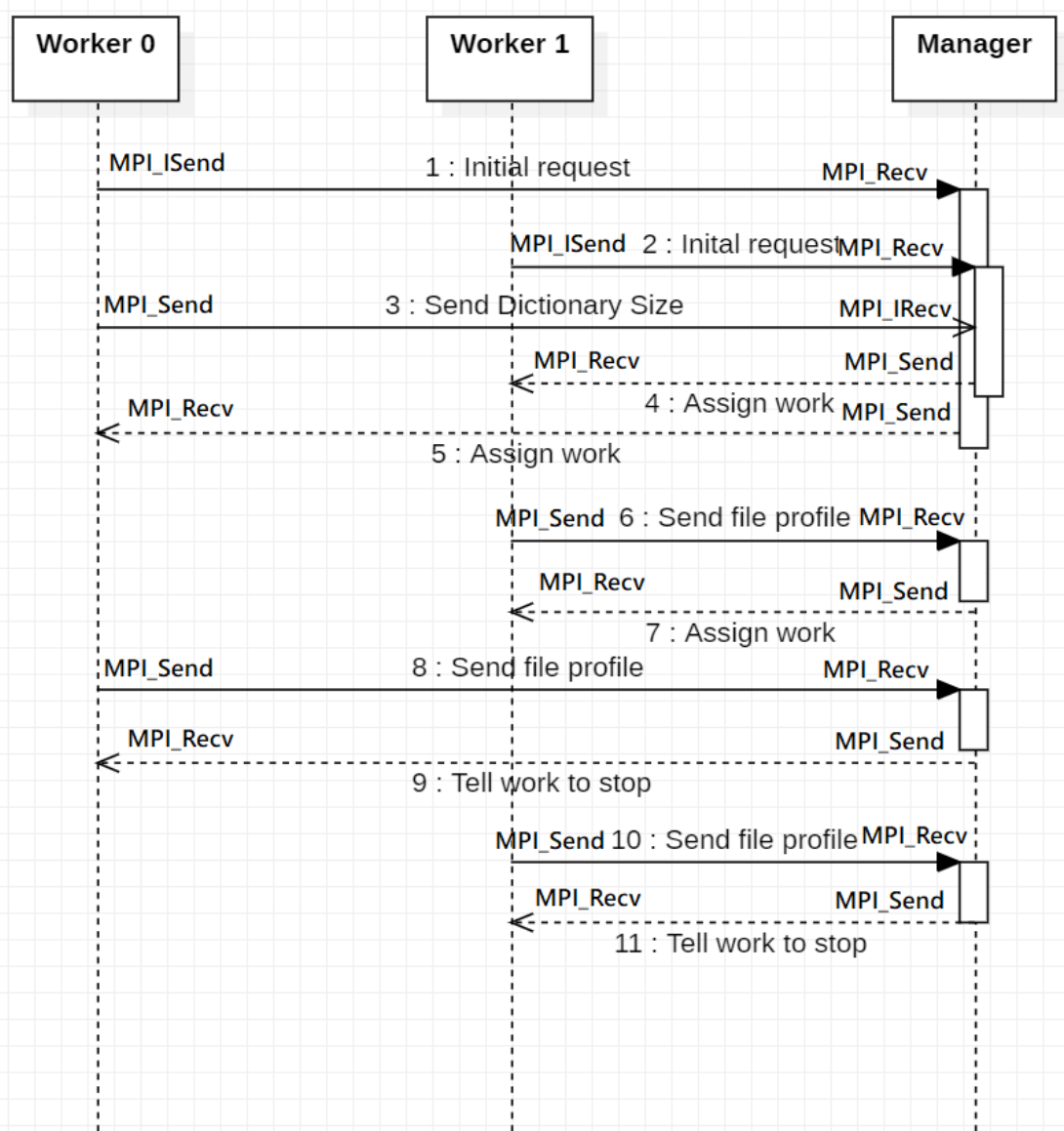
2. Explain why the program uses non-blocking send/receive MPI functions. Explain why there is no dead-lock problem

1) 使用 non-blocking send/receive MPI function 可以在 communication 的時候進行其他工作，提高平行計算的效率。

2) 因為 worker 0 初始化的請求和傳送 buffer size 給 manager 不會互相阻擋，因此不會產生 dead-lock 問題。