# Group 3: Code

| | Name | Comp ID |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |

**Instructions:**

- Assemble into groups of approximately 4.
- Each person in each group should have their own paper, AND one additional to be turned in.
- Put names and computing ids of the members of your group at the top of the paper to be turned in
- Go to **https://www.cs.virginia.edu/~emo7bf/cs2120/f2021/group-3.html** (or follow the link on the course schedule page) and follow the guide there

**Problem 1: Show** $\Big(\neg P(n+1) \to \neg P(n)\Big) \equiv \Big(P(n) \to P(n+1)\Big)$

**Problem 7: moves for 4 disks**

**Problem 8: moves for $n$ disks**

**Problem 2: How we transformed**

**Problem 3: P(0)**

**Problem 4: if $n$ doesn't halt then $m < n$ doesn't.**

**Problem 5: Base Case**

**Problem 6: $P(n) \to P(n+1)$.**

**Problem 9: Proof**

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