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CHUM 210

Robot Exercise

\*This assignment was turned in late\*

Assumption: From start position, two steps to the left/right brings the robot just past the solid barrier.

RED INSTRUCTIONS:

[Turn left

Two steps forward

Turn right

Walk until the next step is a solid barrier

Then stop

Turn right

Take disk

Turn right

Walk until next step is a solid barrier

Then stop

Turn left

Walk until parallel with target stack

Turn right

Set disk

Turn 180

Sidestep left one step (back to start position)]

 Repeat red instructions once

 GREEN INSTRUCTIONS:

[Turn right

Two steps forward

Turn left

Walk until the next step is a solid barrier

Then stop

Turn left

Take disk

Turn left

Walk until parallel with target stack

Then stop

Turn right

Walk until the next step is the target stack

Then stop

Set disk

Turn right

One step forward

Side step left two steps (back to start position)]

 Repeat Red Instructions

Repeat Green Instructions

Repeat Red Instructions

Repeat Green Instructions

Repeat Red Instructions twice.