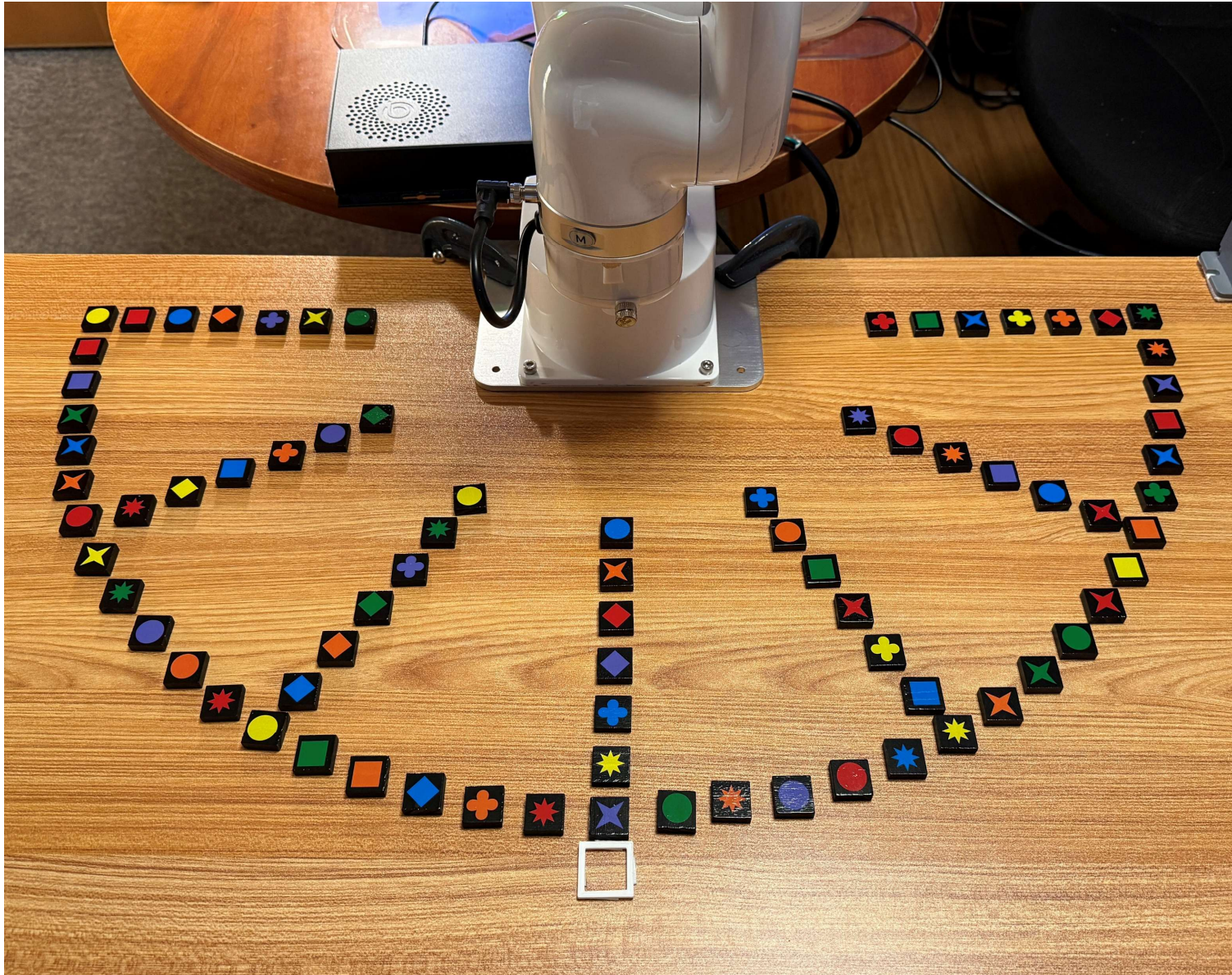
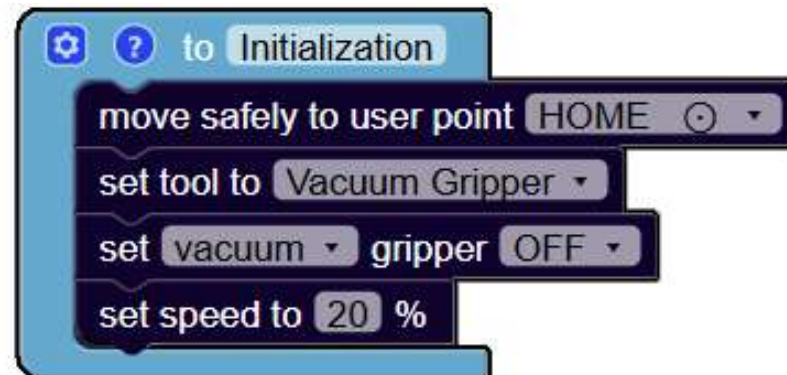
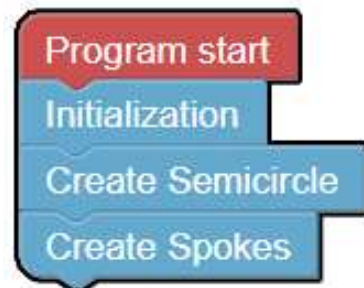


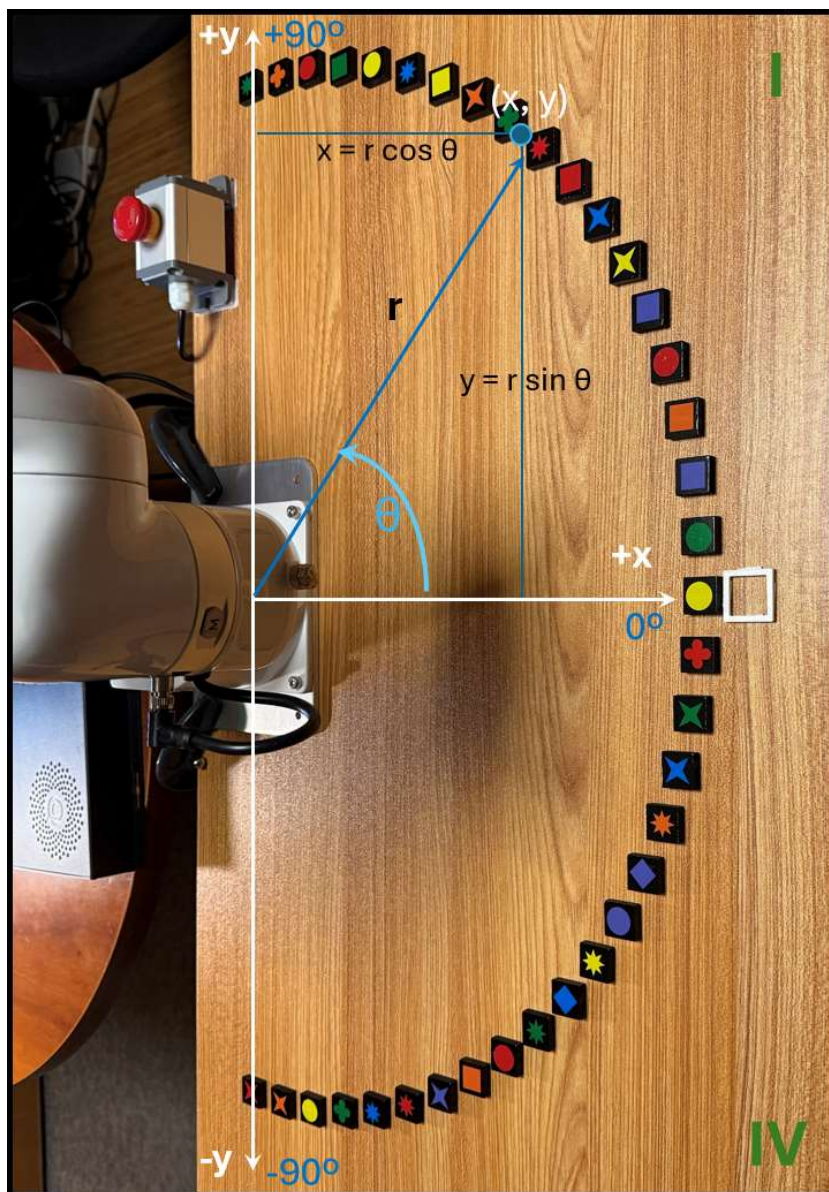
Precision Placement: ORA Builds a Semicircle

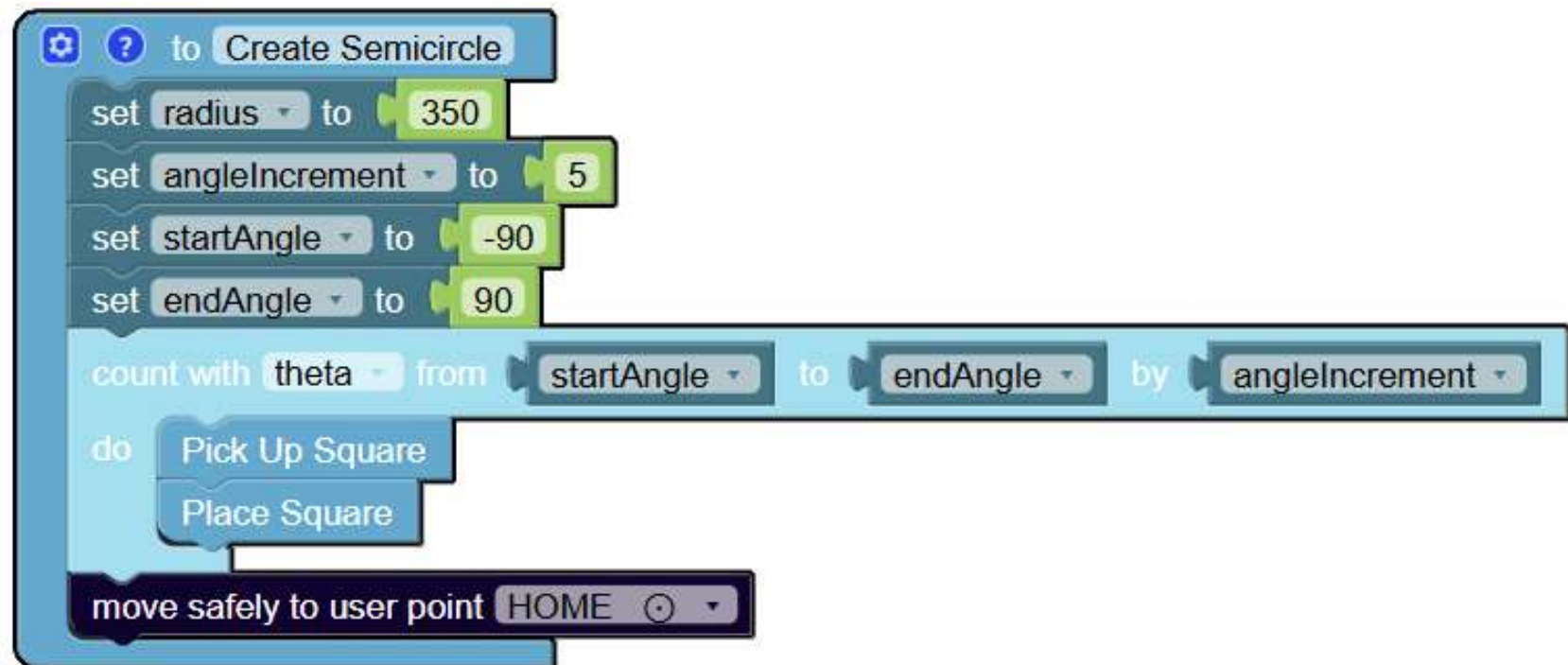
Ozobot Editor Functions

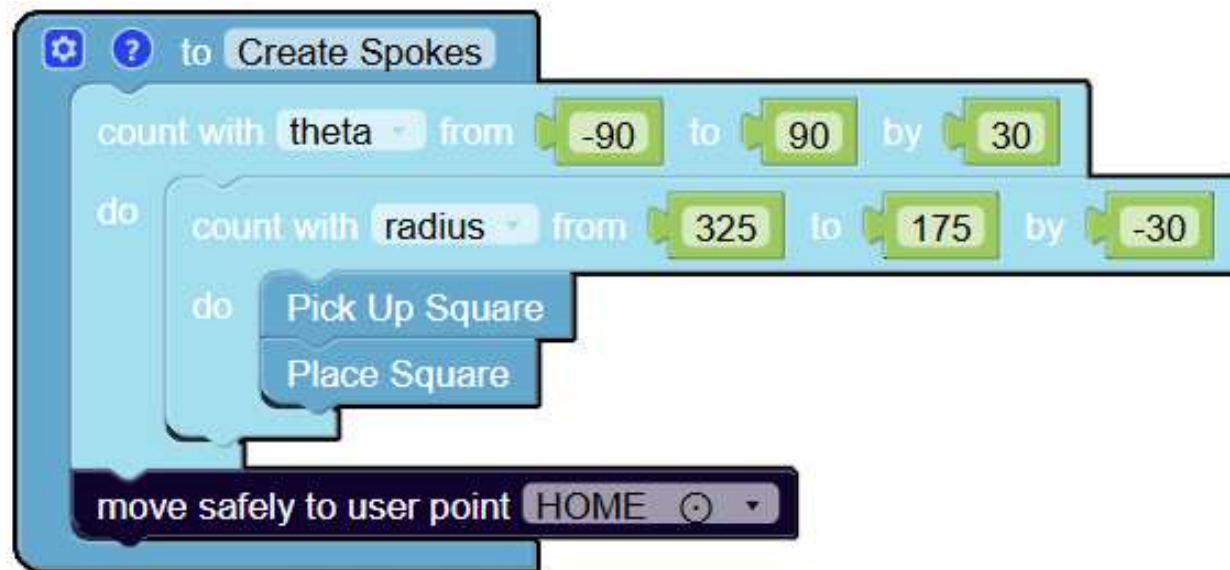












  to Pick Up Square

move to coordinate (x = 375 , y = 0 , z = 30) [mm]
with tool angle (roll = -180 , pitch = 0 , yaw =) [°]
movement type: linear ▾

move to coordinate (x = 375 , y = 0 , z = 3) [mm]
with tool angle (roll = -180 , pitch = 0 , yaw =) [°]
movement type: linear ▾

set vacuum ▾ gripper ON ▾

move to coordinate (x = 375 , y = 0 , z = 30) [mm]
with tool angle (roll = -180 , pitch = 0 , yaw =) [°]
movement type: linear ▾

to Place Square

move to coordinate (x = $\text{radius} \times \cos(\text{theta})$, y = $\text{radius} \times \sin(\text{theta})$, z = 30) [mm]

with tool angle (roll = -180, pitch = 0, yaw =) [°]

movement type: linear

move to coordinate (x = $\text{radius} \times \cos(\text{theta})$, y = $\text{radius} \times \sin(\text{theta})$, z = 3) [mm]

with tool angle (roll = -180, pitch = 0, yaw =) [°]

movement type: linear

set vacuum gripper OFF

move to coordinate (x = $\text{radius} \times \cos(\text{theta})$, y = $\text{radius} \times \sin(\text{theta})$, z = 30) [mm]

with tool angle (roll = -180, pitch = 0, yaw =) [°]

movement type: linear

Hierarchy Chart: ORA Creates a Half-Wheel

