

Precision Placement

ORA Places Marbles on a Special Pallet

Ozobot Editor Blocks

Program start

Initialization

count with x from 0 to 1 by 1

do count with y from 0 to 3 by 1

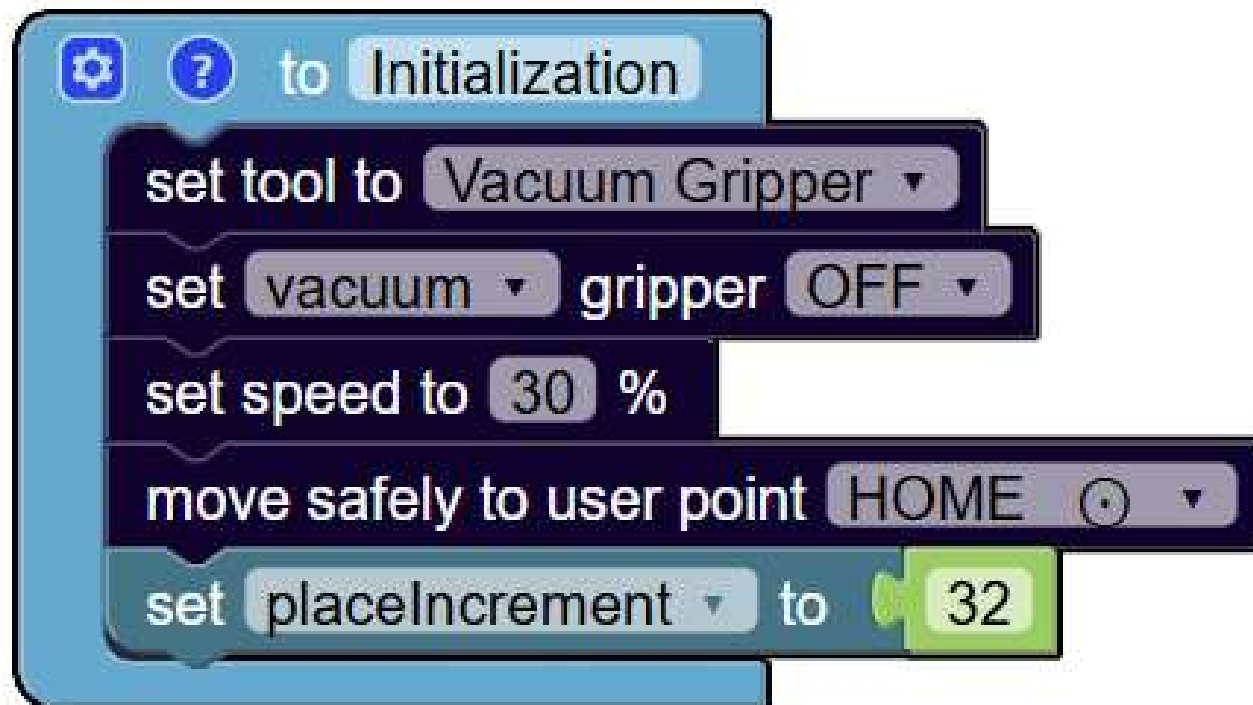
do Pick Marble

Place Marble with:

x

y

move safely to user point HOME



to Pick Marble

move to coordinate (x = 195 , y = -78 , z = 60) [mm]

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

movement type: linear ▾

move to coordinate (x = 195 , y = -78 , z = 20) [mm]

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

movement type: linear ▾

set vacuum ▾ gripper ON ▾

move to coordinate (x = 195 , y = -78 , z = 60) [mm]

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

movement type: linear ▾

to Place Marble with: x, y

set xPlaceLocation to $175 + x \times \text{placeIncrement}$

set yPlaceLocation to $95 + y \times \text{placeIncrement}$

move to coordinate (x = xPlaceLocation, y = yPlaceLocation, z = 60) [mm]

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

movement type: linear

move to coordinate (x = xPlaceLocation, y = yPlaceLocation, z = 27) [mm]

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

movement type: linear

set vacuum gripper OFF

move to coordinate (x = xPlaceLocation, y = yPlaceLocation, z = 60) [mm]

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

movement type: linear