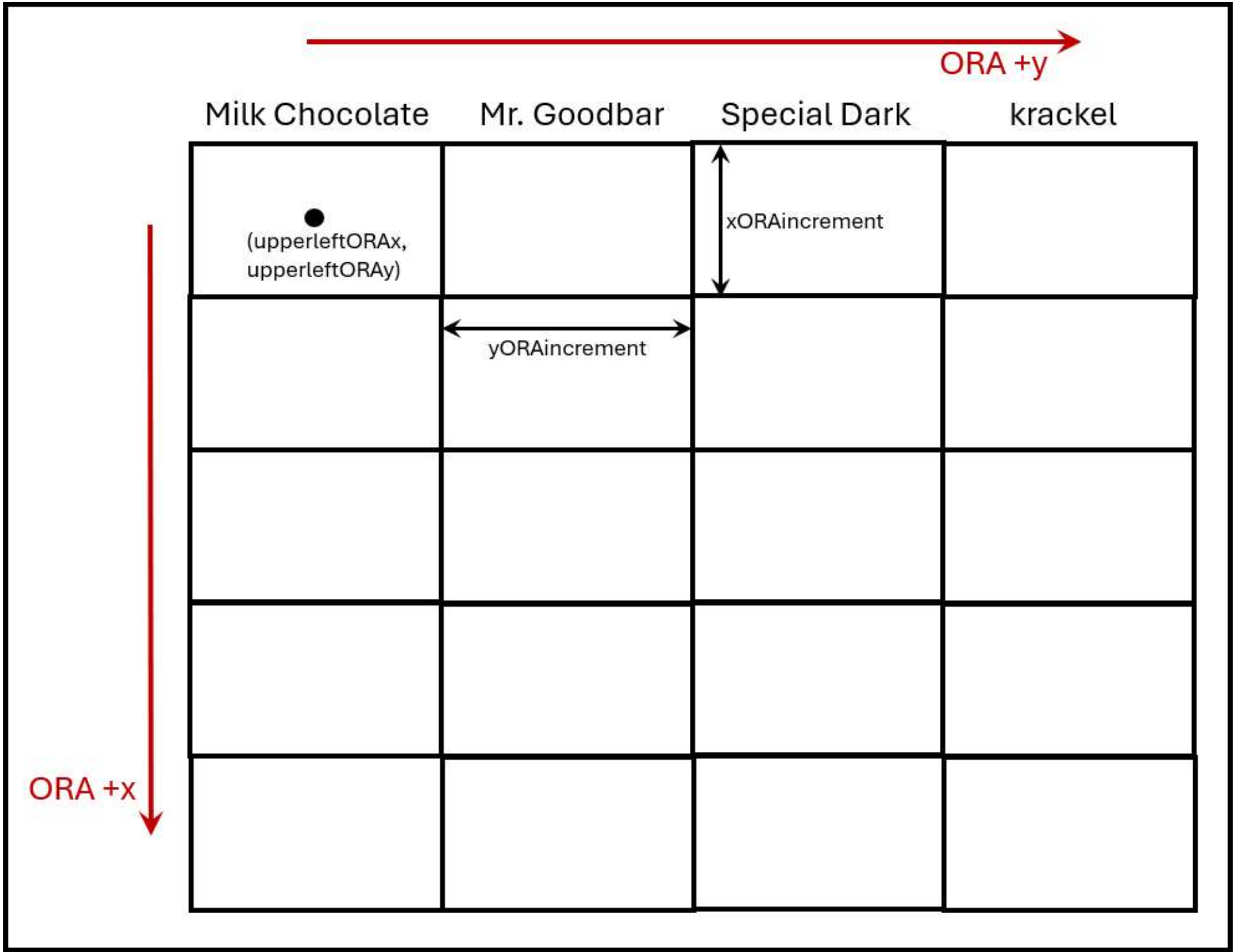
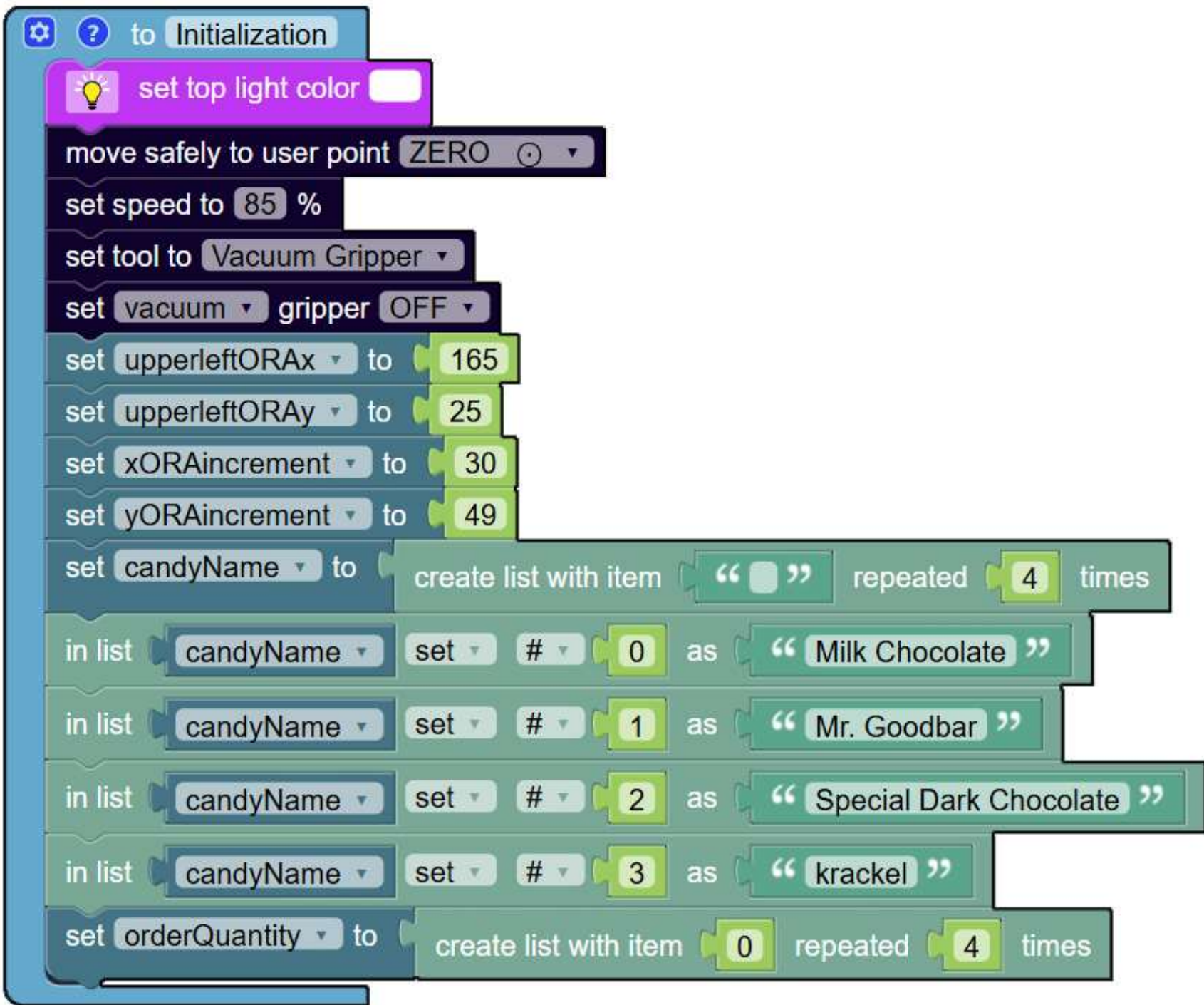
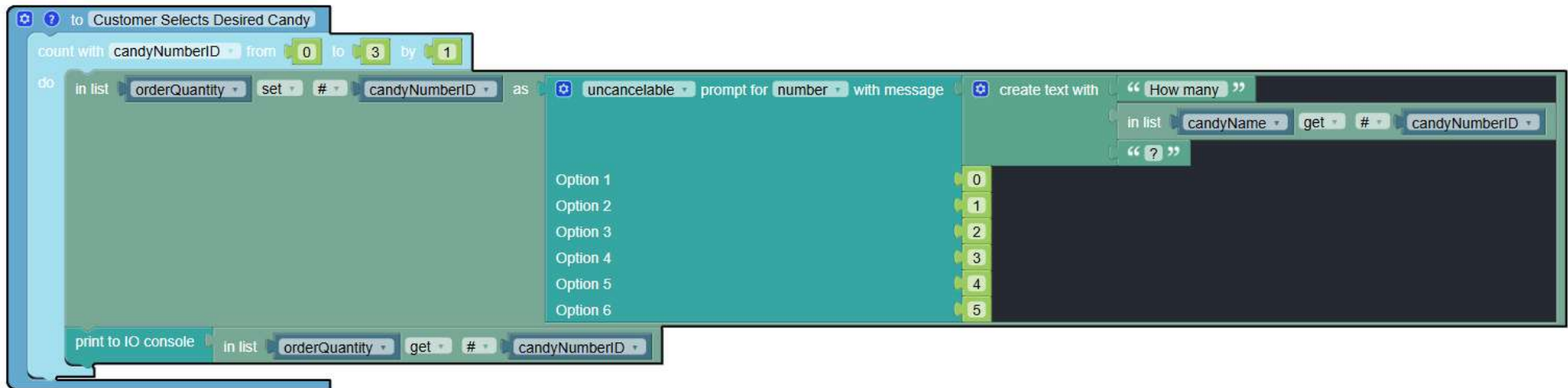


ORA and Ari Collaborate as a Candy Bar Confectioner

Ozobot Editor Blocks







Program start

Initialization

Customer Selects Desired Candy

count with candyNumberID from 0 to 3 by 1

do if in list orderQuantity get # candyNumberID = 0

do continue with next iteration of loop

count with pickNumber from 1 to in list orderQuantity get # candyNumberID by 1

do set ORAyPickupLoc to upperleftORAy + candyNumberID × yORAincrement

set ORAxPickupLoc to upperleftORAx + (pickNumber - 1) × xORAincrement

ORA Picks Up Candy Requested by Customer

ORA Moves Candy to Bag

move to coordinate (x = 150 , y = 0 , z = 150) [mm]

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

movement type: linear

move safely to user point ZERO

to ORA Picks Up Candy Requested by Customer

move to coordinate (x = ORAxPickupLoc , y = ORAyPickupLoc , z = 150) [mm]

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

movement type: linear

move to coordinate (x = ORAxPickupLoc , y = ORAyPickupLoc , z = 4) [mm]

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

movement type: linear

set vacuum gripper ON

move to coordinate (x = ORAxPickupLoc , y = ORAyPickupLoc , z = 150) [mm]

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

movement type: linear

to ORA Moves Candy to Bag

move to coordinate (x = 250 , y = -160 , z = 150) [mm]

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

movement type: linear ▾

set vacuum ▾ gripper OFF ▾