Motors Forward

Servo Motor Return (0 Degrees)

Turn Right

Motors Forward

Servo Motor Return (0 Degrees)

Turn Left

Distance (< 30cm)

Servo Motor Right (85 Degrees)

Distance (< 30cm)

Servo Motor Left (85 Degrees)

Forward

Distance (< 30cm)

Distance (< 30cm)

Motors Stop

Wait 10 seconds

Motors Reverse

Distance (< 30cm)

Sensor Activates (If Movement)

Sensor Servo Motor turns back to 0 (original position)

Wait 10 seconds

Servo Motor turns back to 0 (original position)

Wait 10 seconds

Servo Motor turns 110 Degrees

Start Program  
(SPST ON)