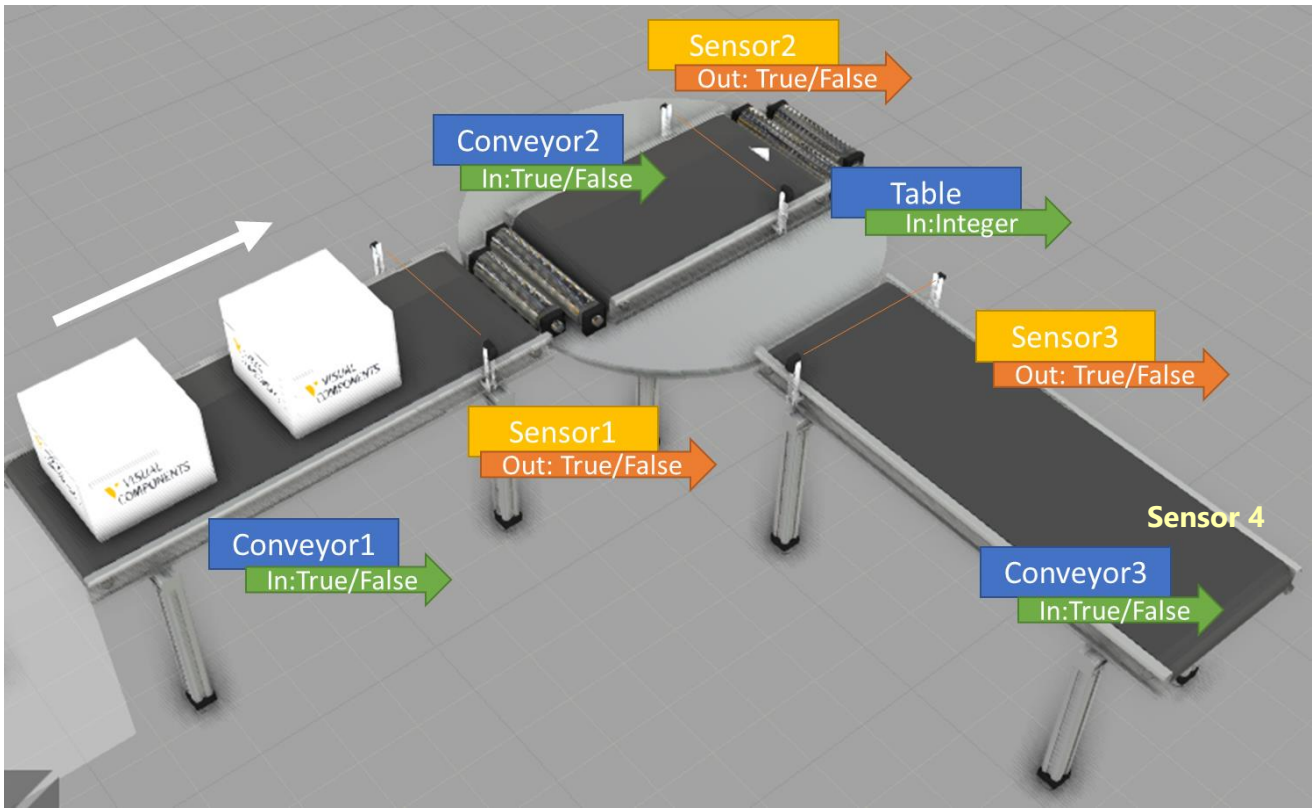

QUESTION:

Write control code for the process. Goal is to get the boxes safely from Conveyor1 to Conveyor 3.

CASE:

Boxes are fed on the "*Conveyor1*" with a constant interval.

Sensors are sending a signal with True value when a box is detected (blocking the sensor) and False otherwise.

Rotating table "*Table*" can be rotated to left and right.

Initial condition: "*Conveyor1*" belt is on. All others are off.

Example API reference:

WaitForSensorSignal(*componentName*, *value*)
Blocking function call that tests for the given signal value and returns the value of the signal if successful

Actuate(*componentName*, *value*)
Actuates the given component. The action is depending on the component type as follows:

Conveyors: *value* argument can be True or False to turn the conveyor belt on/off.

Rotating table: *value* argument is given as integer (in degrees) and is relative to the current position.