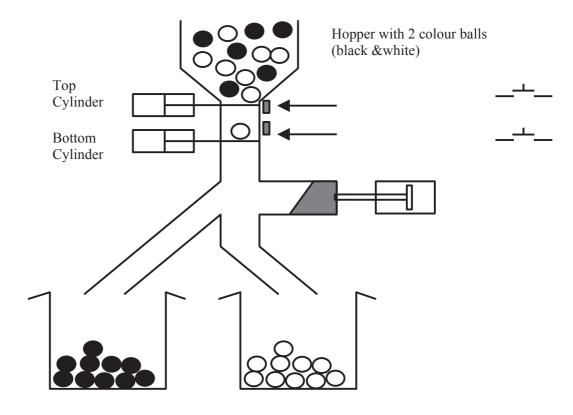
Example: Ball Sorter Mechanism



In this application, the system is to sort out the black & white balls into 2 different container.

The start button will start the operation, Ball sensor (S1) will sense the presence of the ball in the hopper. The top solenoid will release the ball for the colour sensor (S2) to differentiate the colour before being release into the container.

I/O Assignment

Input	Device
00000	Start PB
00001	Ball sensor (S1)
00002	Colour sensor (S2)
00003	Stop PB

Output	Device
01000	Top cylinder
01001	Bottom cylinder
01002	Pusher

