

Challenge 39

This “solution” is not based on the setup in the Puzzle Book. Instead, it produces the same output using a simpler design. It uses five bits and two crossovers. The bits are initially set to 16, that is, binary 1 0000

When the first blue ball is triggered, it hits all the bits, then drops from bit 5 to click the blue lever.
The next ball, blue, hits bit 1 then passes through the crossovers to click the blue lever.
The next ball, blue, hits bit 1, bit 2, then passes through the crossovers to click the red lever.
Next ball is red, hits bit 1, pass through both crossovers and clicks the blue lever.
The pattern continues.
After 16 balls have fallen, the next ball is intercepted and the program ends.

Here is the link that will show you the program in action:

https://www.lodev.org/jstumble/?board=rlerlf0fer0fex0frr0frr1frlifxfelrel_2_2

In addition, below is my setup diagram and a picture of the virtual board from the jstumble website.

