

## VAJA 4

### Opis problema:

The following conditions should be fulfilled for a tank filling system.

Three liquid tanks with the pulse encoders B1, B3 and B5 for the full signal and B2, B4 and B6 for the empty signal can be emptied manually in any order.

The controller should ensure that always only one tank can be filled using the solenoid valves Y1, Y2 and Y3 after an empty signal.

The appropriate full signal from the tank completes the filling operation.

