The game of TV-Tennis

Project group 6

22 May 2021

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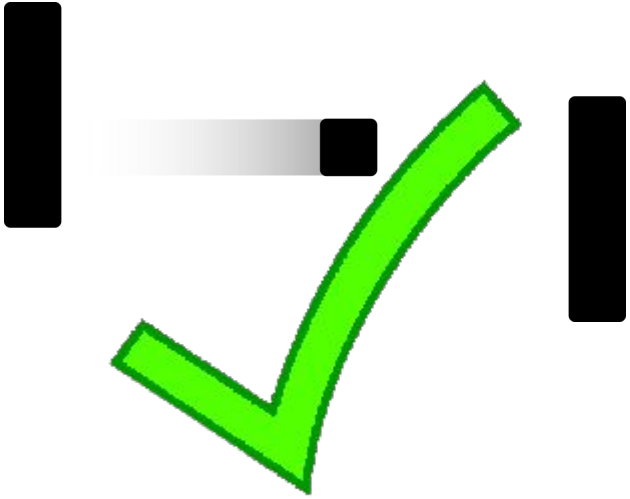
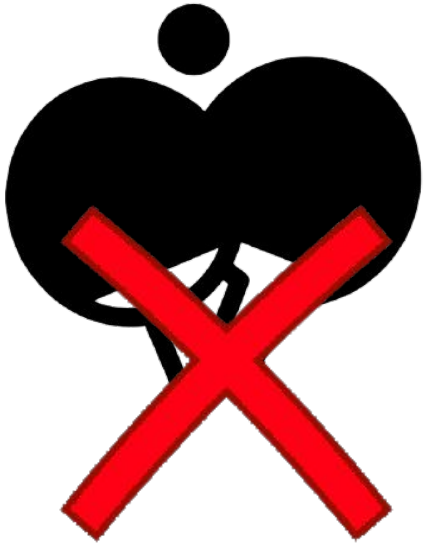
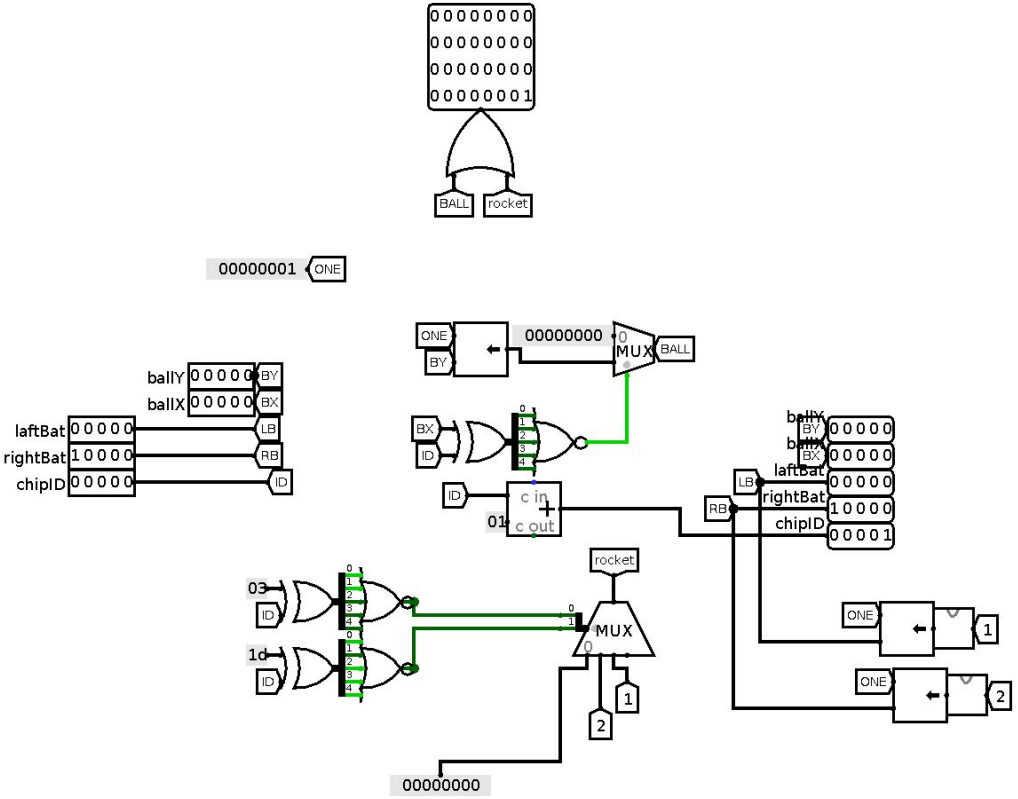


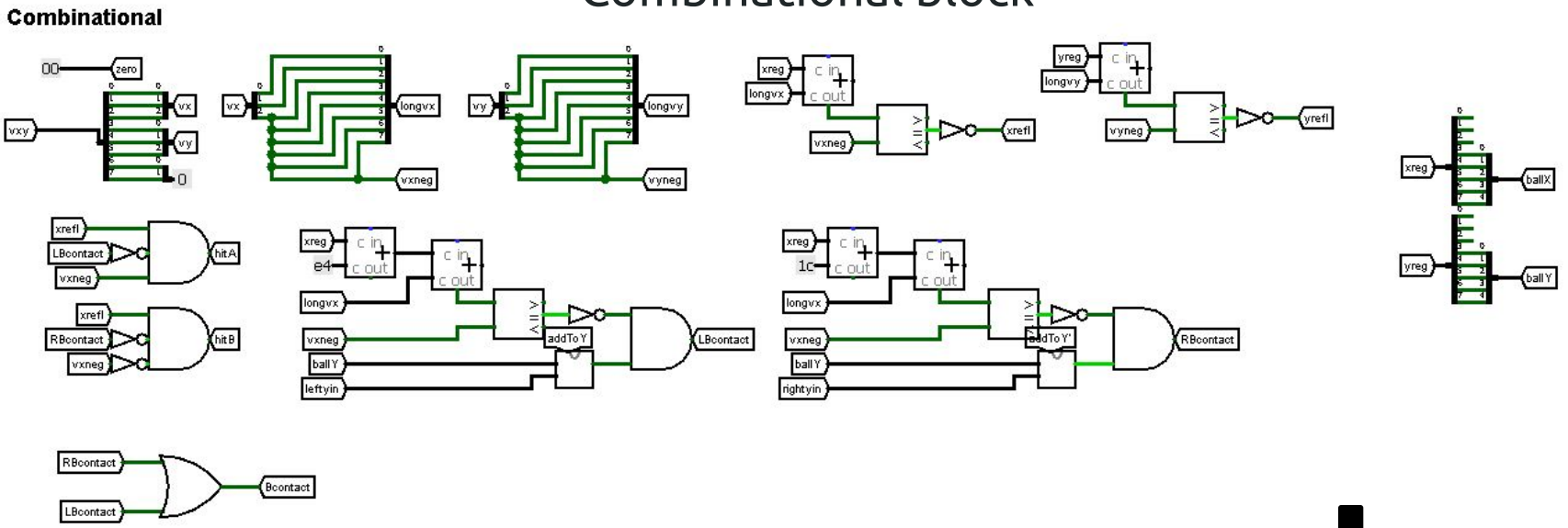


Videosystem



Kinematic Controller

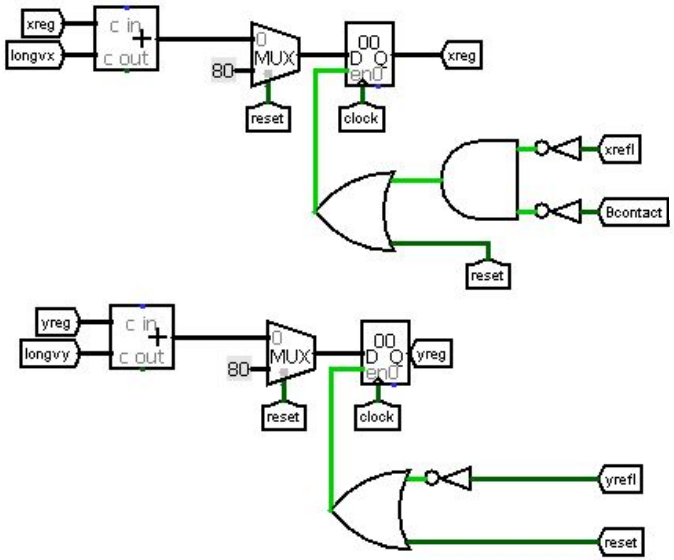
Combinational block



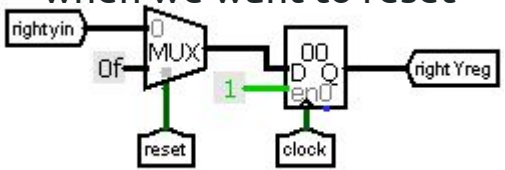
Kinematic Controller

Behavior block

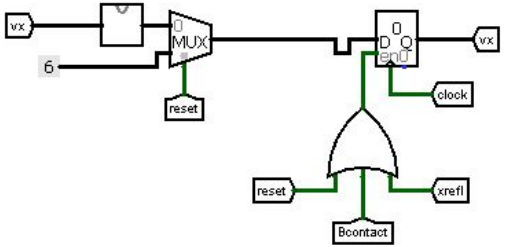
Update all coordinates



Update velocity when we want to reset

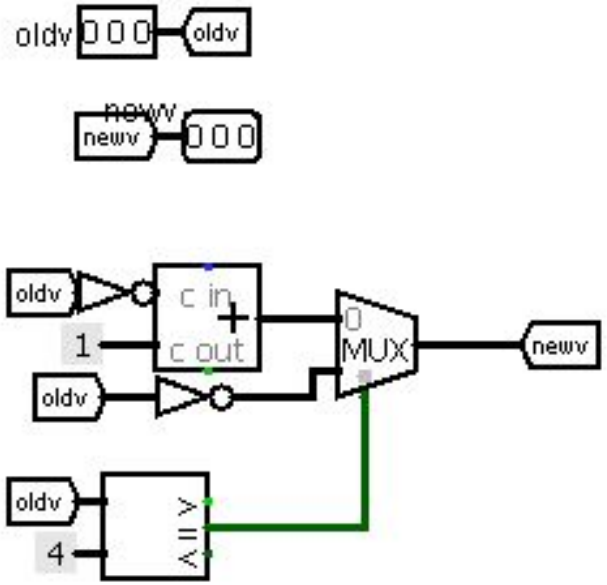


Update horizontal speed



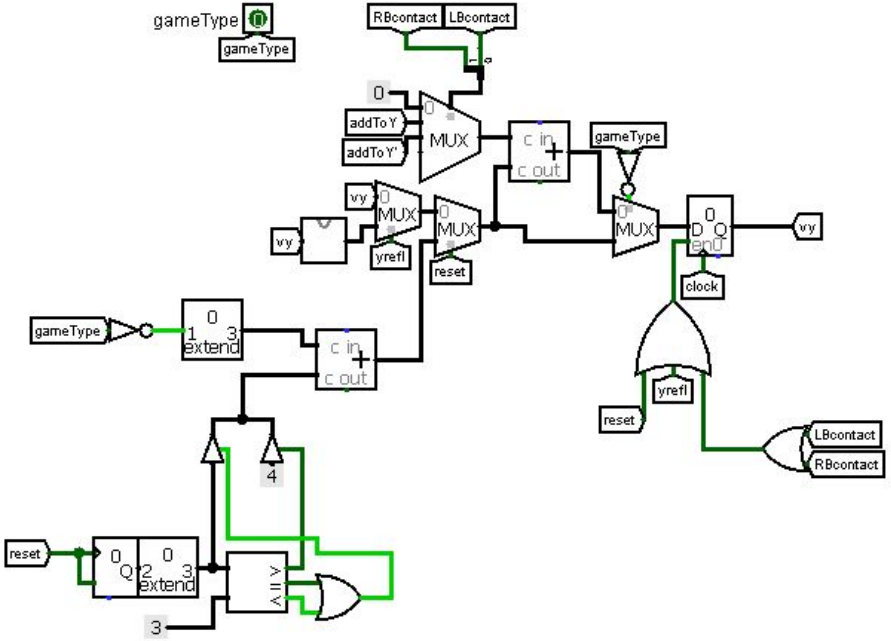
Kinematic Controller

Reflect chip



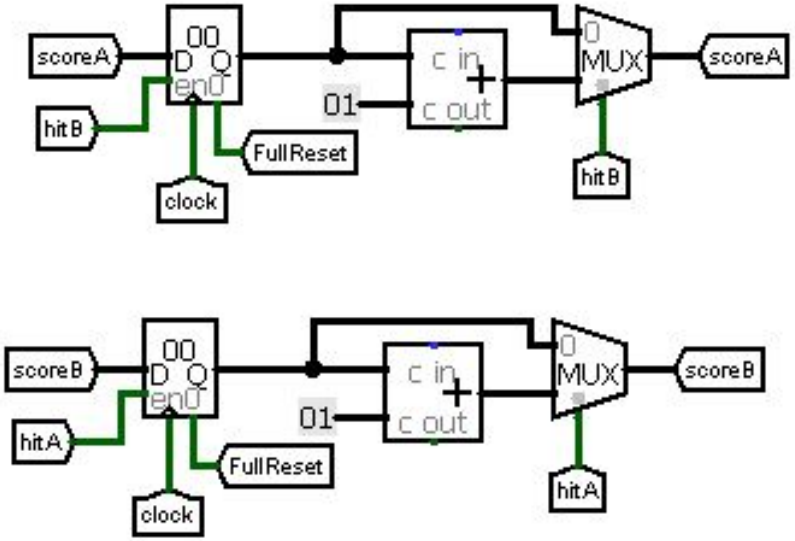
Kinematic Controller

Updating the vertical speed of the ball



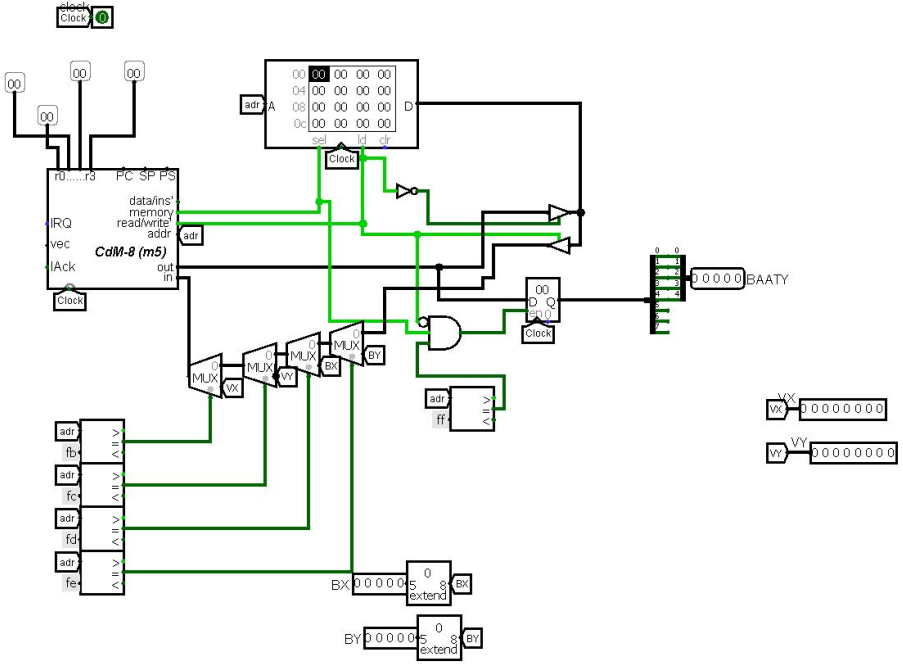
Kinematic Controller

These two schemes are for counting scores



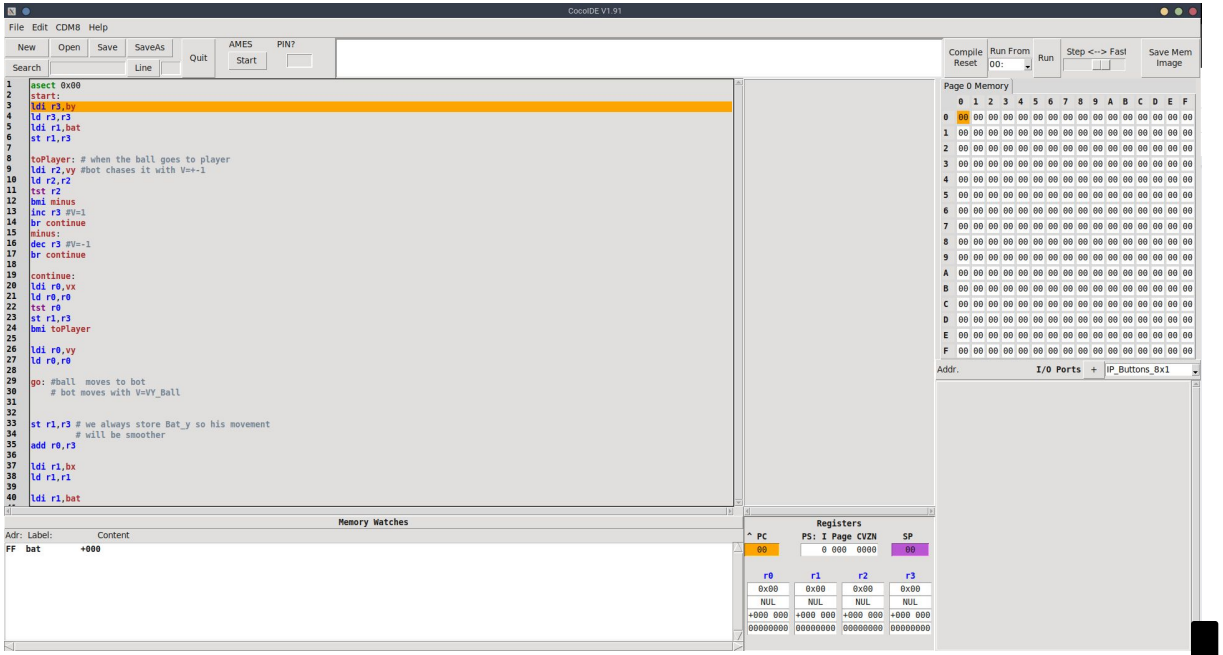
Artificial intelligence

Processor connection



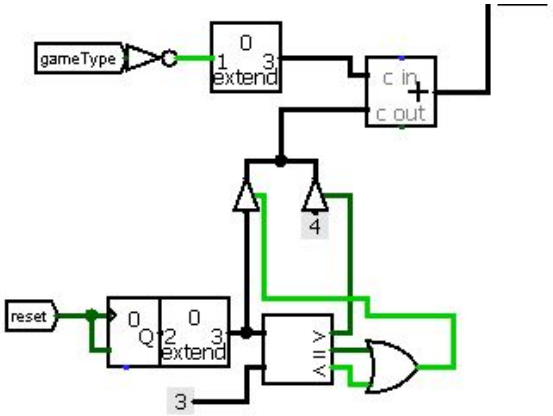
Artificial intelligence

Making the bot for controlling right bat



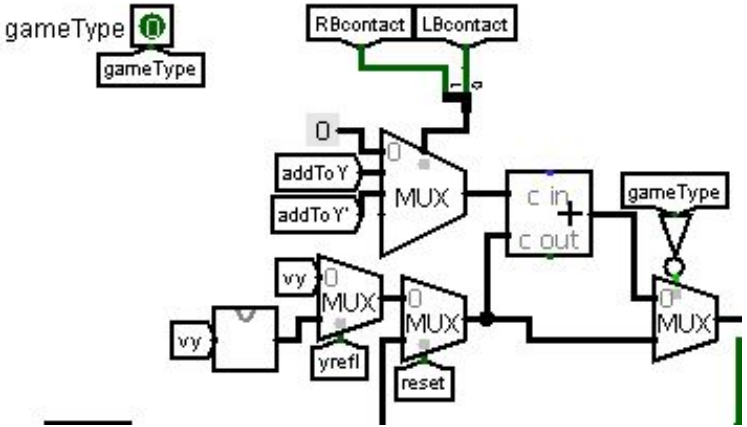
Project innovations

Random vertical speed after restart



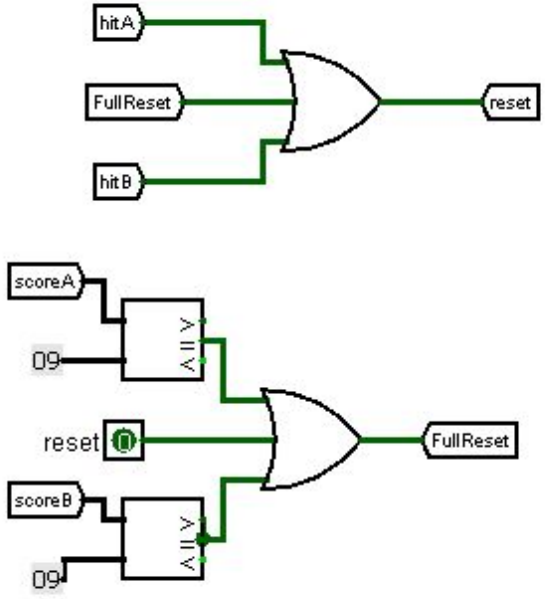
Project innovations

Two different game modes



Project innovations

Reset ball position after goal or pressing reset button



Further development plan

- Add “real” angles
- Add multiple difficulty levels for the bot
- Add animations and sounds

Thank you for your attention

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