

Because we had a lot of variables for some classes, we have a separate list of variables by class below:

# Class game:

- o base
- o birdobj
- o pipelist
- o level
- o Score
- o easy\_mode
- o game\_over

### Class bird:

- o birdDown
- o birdCenter
- o birdUp
- o birdFrame
- tick\_count
- o falling\_vel
- o rot\_angle
- o frame\_index
- o bird\_img
- o y\_loc
- o x\_loc
- o boundary

# Class pipe:

- o x\_loc
- o gap\_loc
- o bot\_pipe\_end
- o top\_pipe\_end
- bot\_pipe\_surface
- o top\_pipe\_surface
- passed

# Class score:

- o score
- o start
- o font1

# Class base:

- o x\_loc
- o y\_loc