

S - is the separation percentage (How much they try to stay away from the other boids)

Increasing this increases the amount the boids want to separate

C - is the cohesion percentage (How likely they are to flock together)

Increasing this increases the amount the boids want to move together

A - is the align percentage (How much the boids match velocities)

Increasing this increases the amount the boids match speeds

F - the field of view (closer to 1 the narrower the view closer to 0 the greater the field of view)

Increasing this increases the amount the boids can see in front of them

B - total number of boids to test

These are for initializing the first boid

V - vertices (3 sets of 3 floats needed)

N - normals (one for each vertex)

I - indices (3 need to draw the triangle)

Space Bar: starts and stops the simulation