GD 50 (Flappy Bird). Objectives: milialize: love. load () render: love. draw() · backgrounds · procedural generation of pipes usizable: (ove. resize () · bird controls implementation of unles function · scoring system I (ove. draw () push: steart() push. finish () end. AHBB - axis aligned bounding box. Parallax scroll: an illusion of elepth in a 2D distance. E.g. you are in your car and see the objects near you pass by very quickly while the objects far from you more slowly. local - ensures the variable cannot be used across files. Procedural generation of pipes. Kandom y position when spanned Pipes will seed at a certain's speed, that would mean making 3 use of a scroll variable and dt to update x position Inswing we don't have constantly incuasing pipes 1. we don't need more than the number of poppipes that fit an seven in string all of the data for the piper would require a let of memory. Solution 2. spawn Timer

(Hinte of tables like grands

key pipe object

If I Line of Sctions outside the screen. create a table when the pipe leaves the screen, remore it. t new pipe (resembling greve here) for k, pipe in pairs (pipes) do pipe: update (dt) for k, pipe in pains (pipes) do pipe: render () if pipe x 2 -pipe width then table remove (pipes, k) Q. When to spown a pipe? I he can deduce the time it takes for a size to leave the screen, on the basis of that Draw order: (make it look like pipes are coming from ). Backgrowned growned) we can decide it when to you 5 2. Pipes if & spawn Timer > 2 then 3. Ground table insut (pipes, Pipe ()) spann Timer = 0 Adding the second pipe (as pipes exist in pairs with certain distances) Time for a little abstraction. We want the second pipe to make use of the initial pipe instead of being inclesendent. - We will remove the pipes tables and create a new table on hich includes both top and bottom pipes 8.