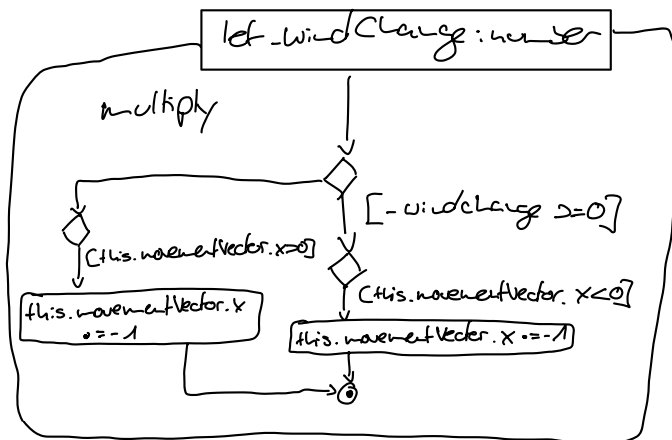


Moveable

name: string
startingX: number
startingY: number
movementVector: Vector
color: string

constructor(-name: string, -startingX: number,
-startingY: number, -movementVector: Vector,
-color: string)
createVector(): Vector
movement(): void
reset(): void



createVector

let velocity: number = 5

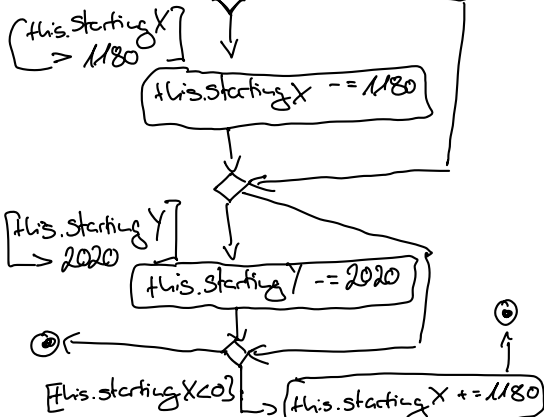
let randomVector: Vector = new Vector
(velocity * random, velocity * random)

return randomVector

movement

this.startingX += this.movementVector.x
this.startingY += this.movementVector.y

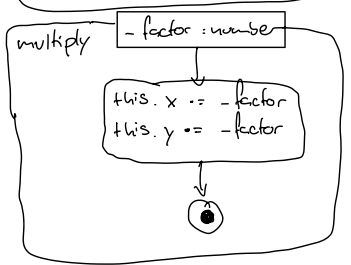
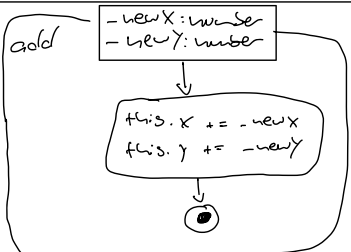
reset



Vector

x: number
y: number

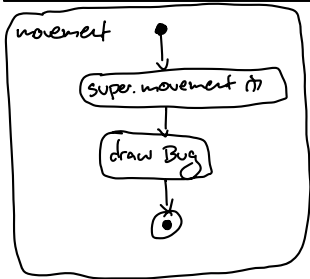
constructor (-x: number, -y: number)
add (-newX: number, -newY: number)
multiply (-factor: number)



Bug

super(-name, -startingX, -startingY, -color)

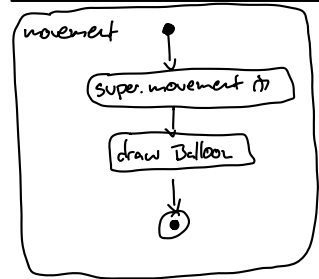
constructor(-name: string, -startingX: number, -startingY: number, -color: string)
movement(): void



Balloon

super(-name, -startingX, -startingY, -color)

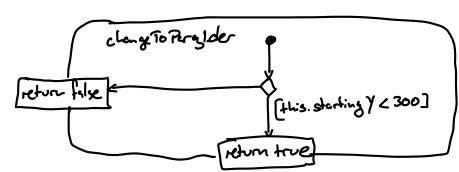
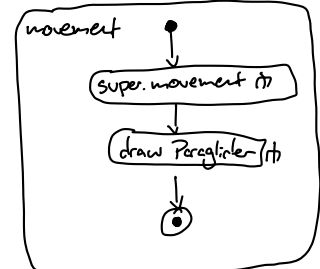
constructor(-name: string, -startingX: number, -startingY: number, -color: string)
movement(): void

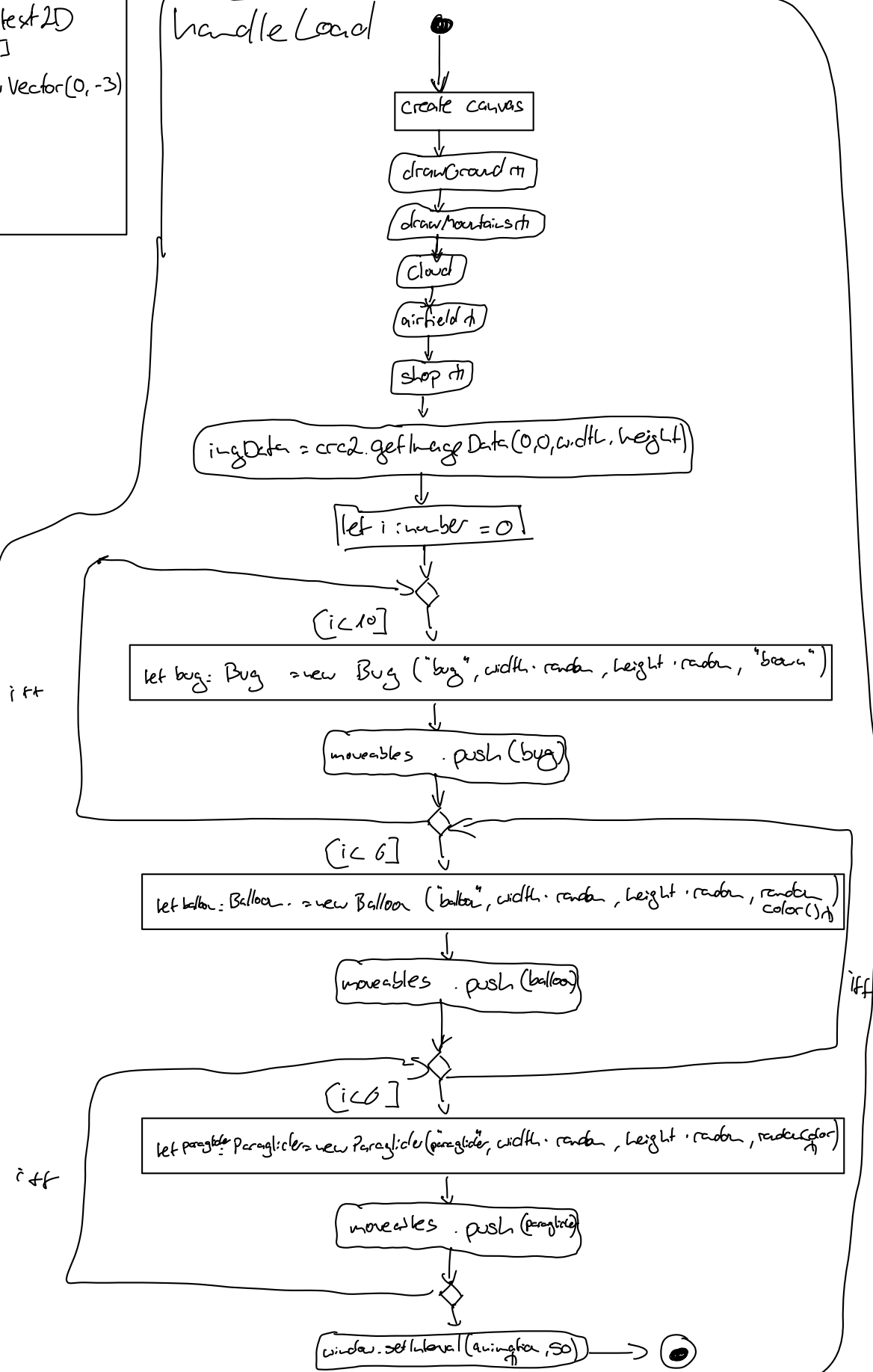
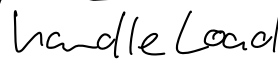
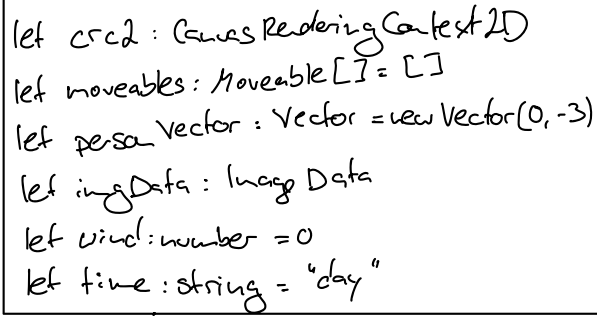


Paraglider

super(-name, -startingX, -startingY, -color)

constructor(-name: string, -startingX: number, -startingY: number, -color: string)
movement(): void





Animation

`crc2.putImageData(imgData, 0, 0)`

`[time === 'night']` `[time === 'day']`

`moon()`

`Sun()`

`[i < moveables.length]`

`moveables.moveNext()`

`moveables.reset()`

drawGround

create gradient

add color stops

0, blue

0.2, light blue

0.6, gray

1, green

`fillStyle = gradient`

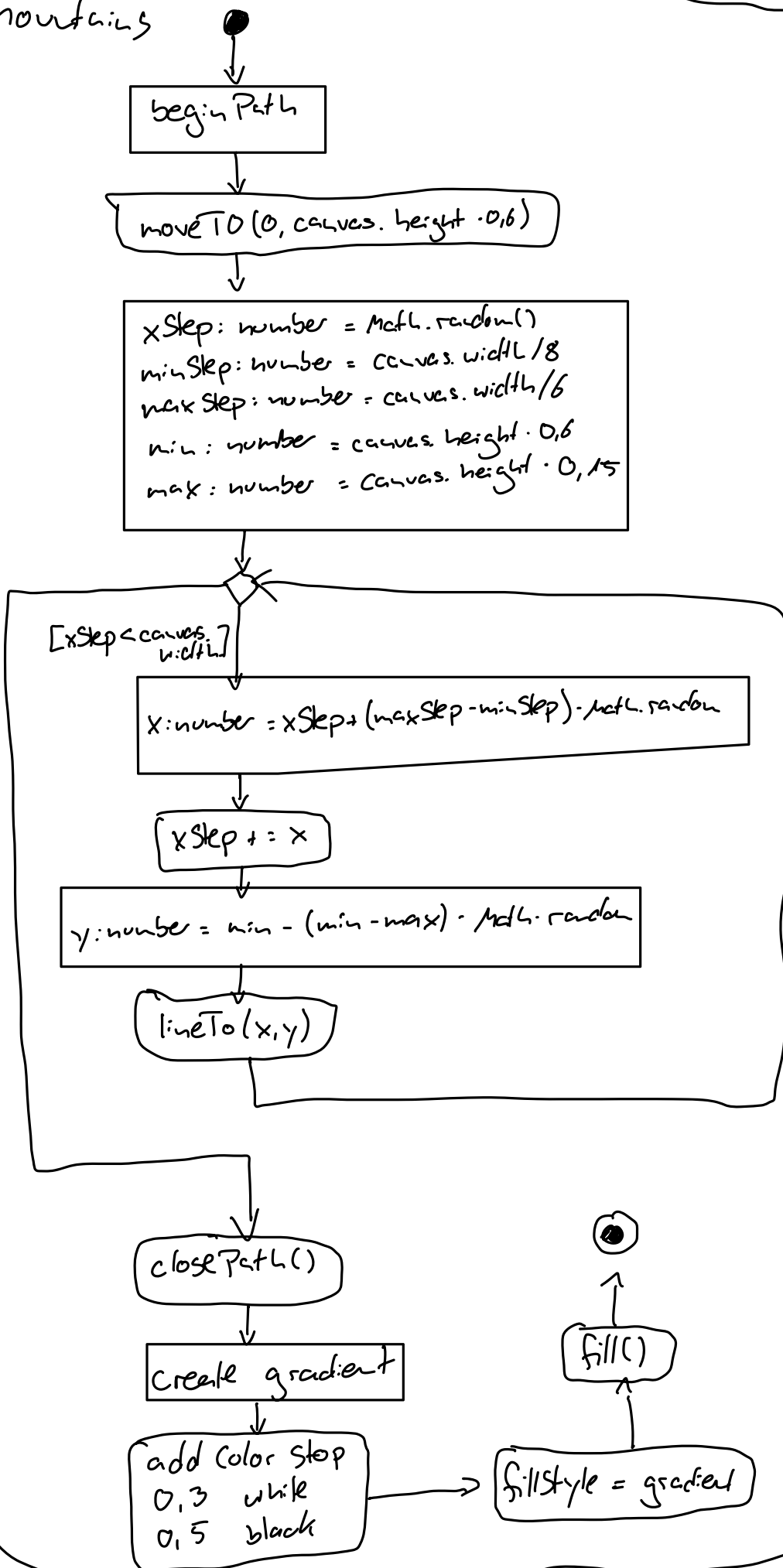
`fillRect(0, 0, canvas.width, canvas.height)`

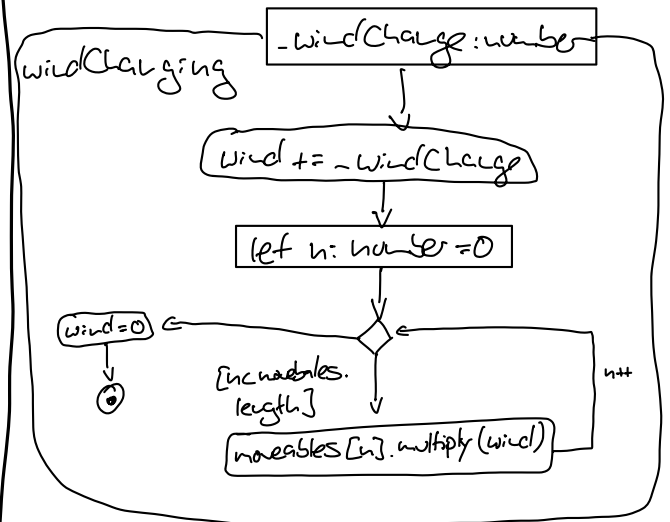
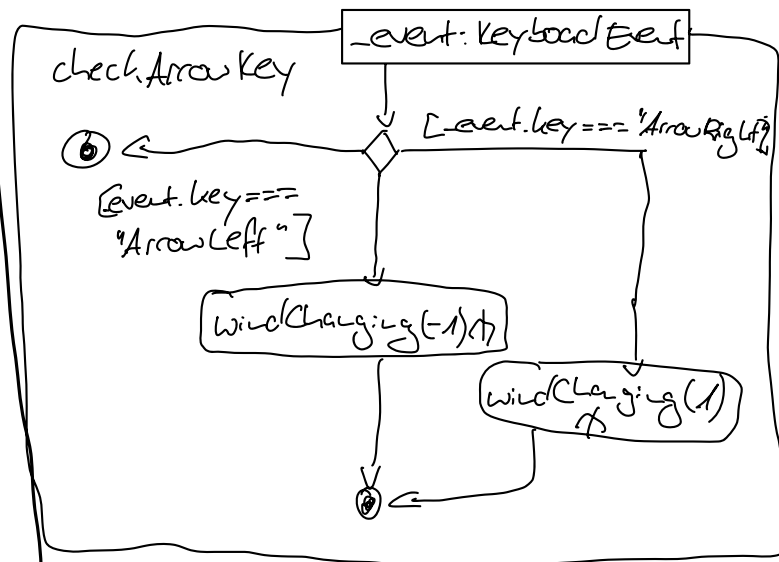
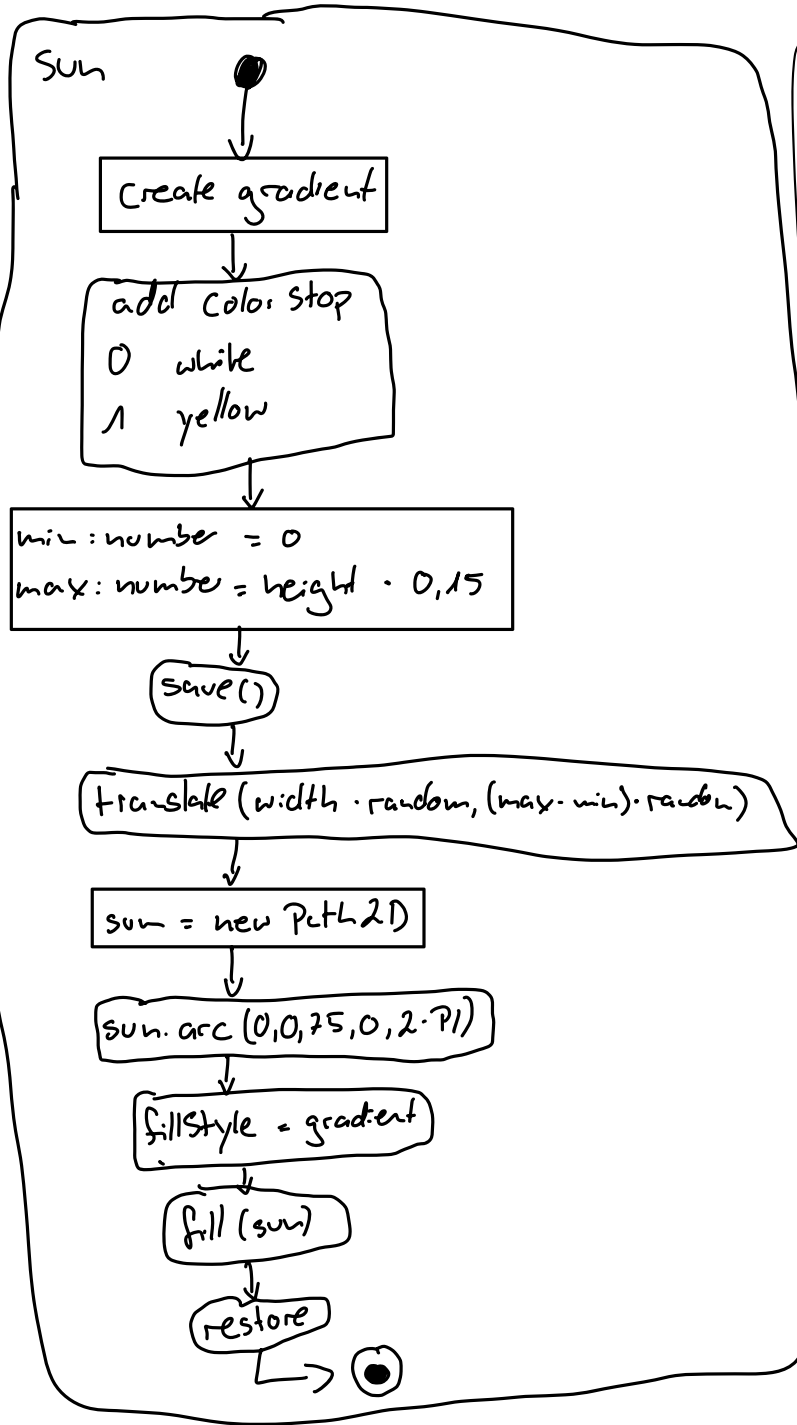
randomColor

`let r: number = Math.random() * 256`
`let g: number = Math.random() * 256`
`let b: number = Math.random() * 256`

`"rgb("+r+", "+g+", "+b+")"`

draw mountains





paraglide



let n: number = 0



[n < paraglideArray.length]

let x: number = paraglideArray[n].startingX
let y: number = paraglideArray[n].startingY
let size: number = 60

[paraglideArray[n].
changeToPerson
== true &&
paraglideArray[n].
name == "paraglider"]

U + f

.movementVector.x = personVector.x
.movementVector.y = personVector.y
.name = "climber"

draw Person

[name == "climber"]

.movementVector.x = personVector.x
.movementVector.y = personVector.y

draw Person

[.changeToParaglider == true &&
.name == "climber"]

.name = "paraglider"
.movementVector.x = .createVector().x * h
.movementVector.y = .createVector().y * h

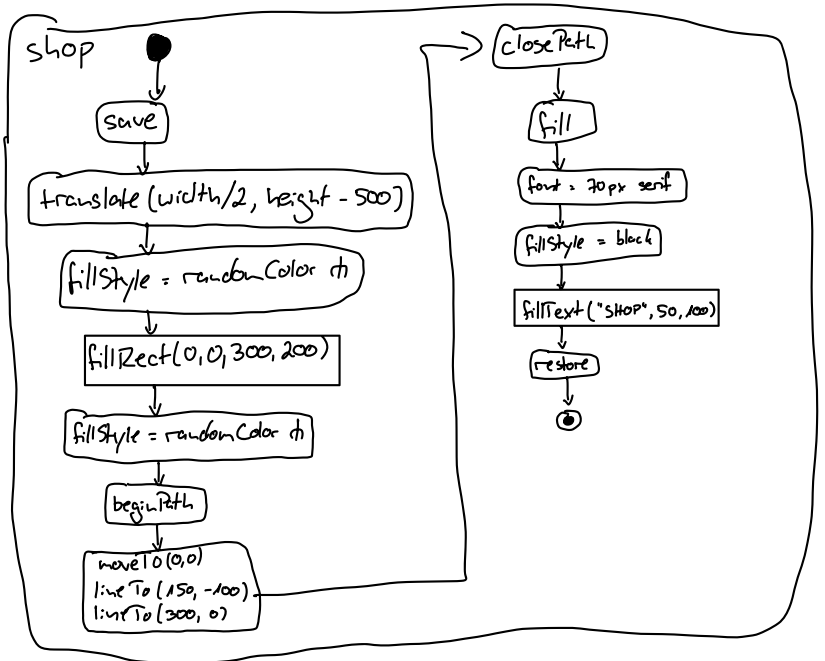
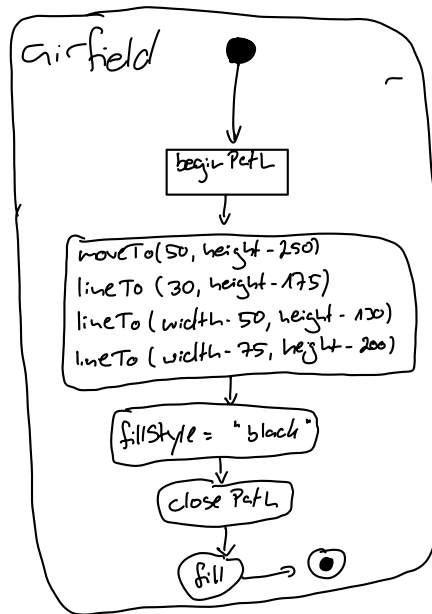
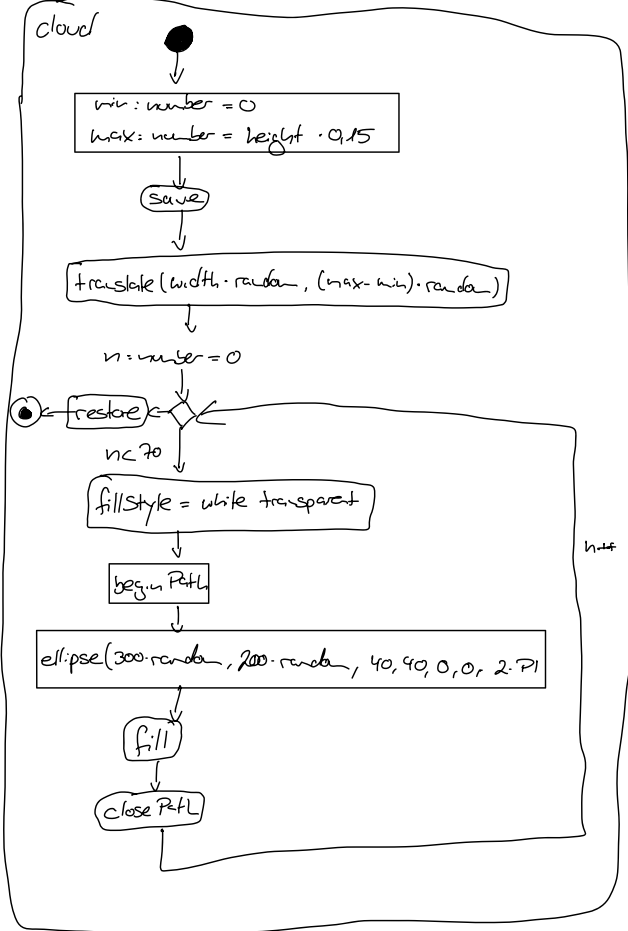
draw paraglider

.reset() ↗

.movement() ↗

draw paraglider

.name == "paraglider"



noon

