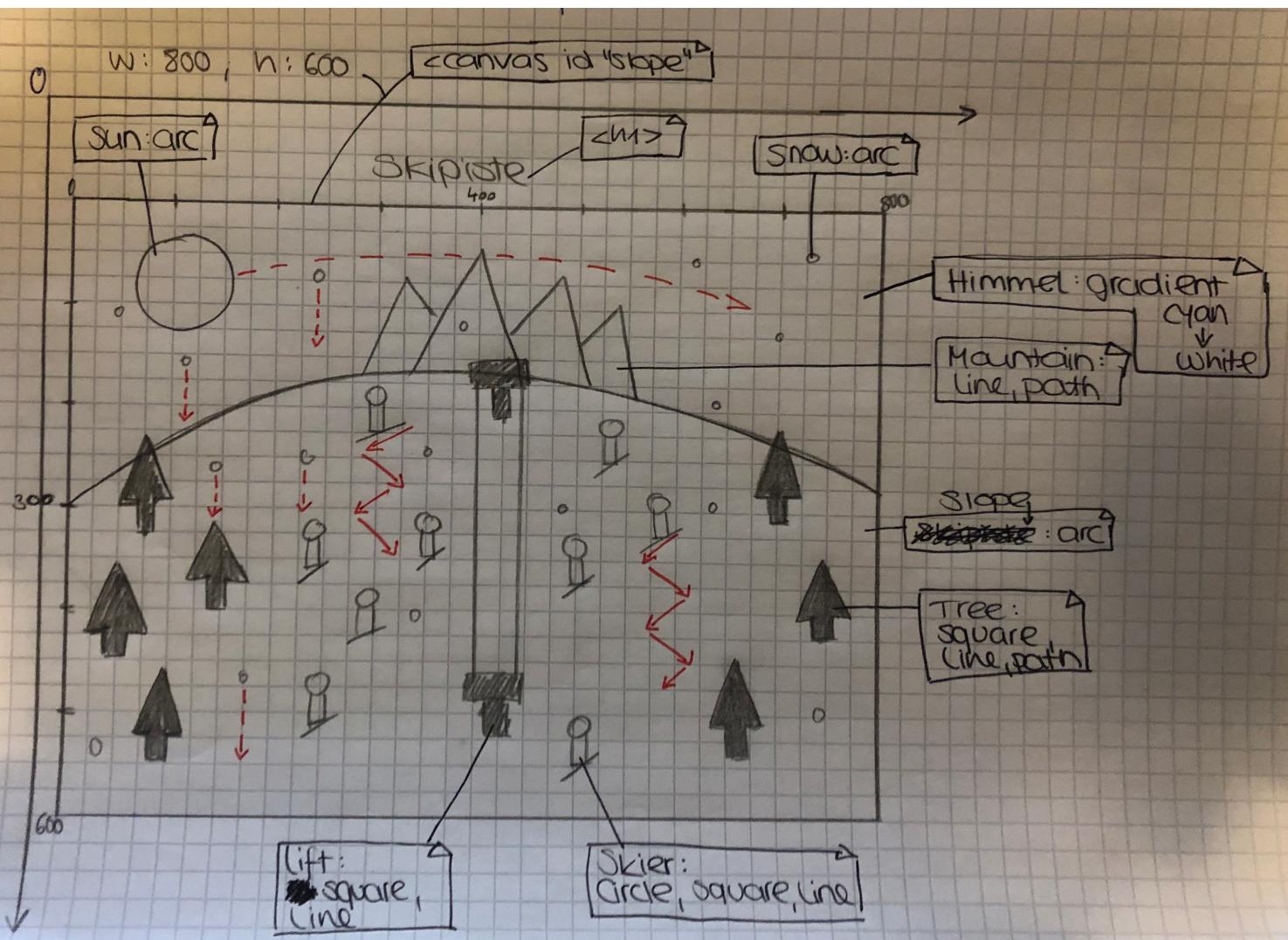


L09 SKIPISTE



LO 9 Skiptie

Class Diagram: Rendering Context

Skier.js

```
public x: number  
public y: number  
public v: number  
public color: string  
public moveright: boolean = Math.random () < 0.5
```

```
constructor (x: number, y: number, v: number,  
color: string)
```

```
drawSkier ()
```

```
update ()
```

Snowflake.js

```
public x: number  
public y: number
```

```
constructor (x: number, y: number)
```

```
drawSnowflake ()
```

```
update ()
```

Sundae.js

```
public x: number  
public y: number
```

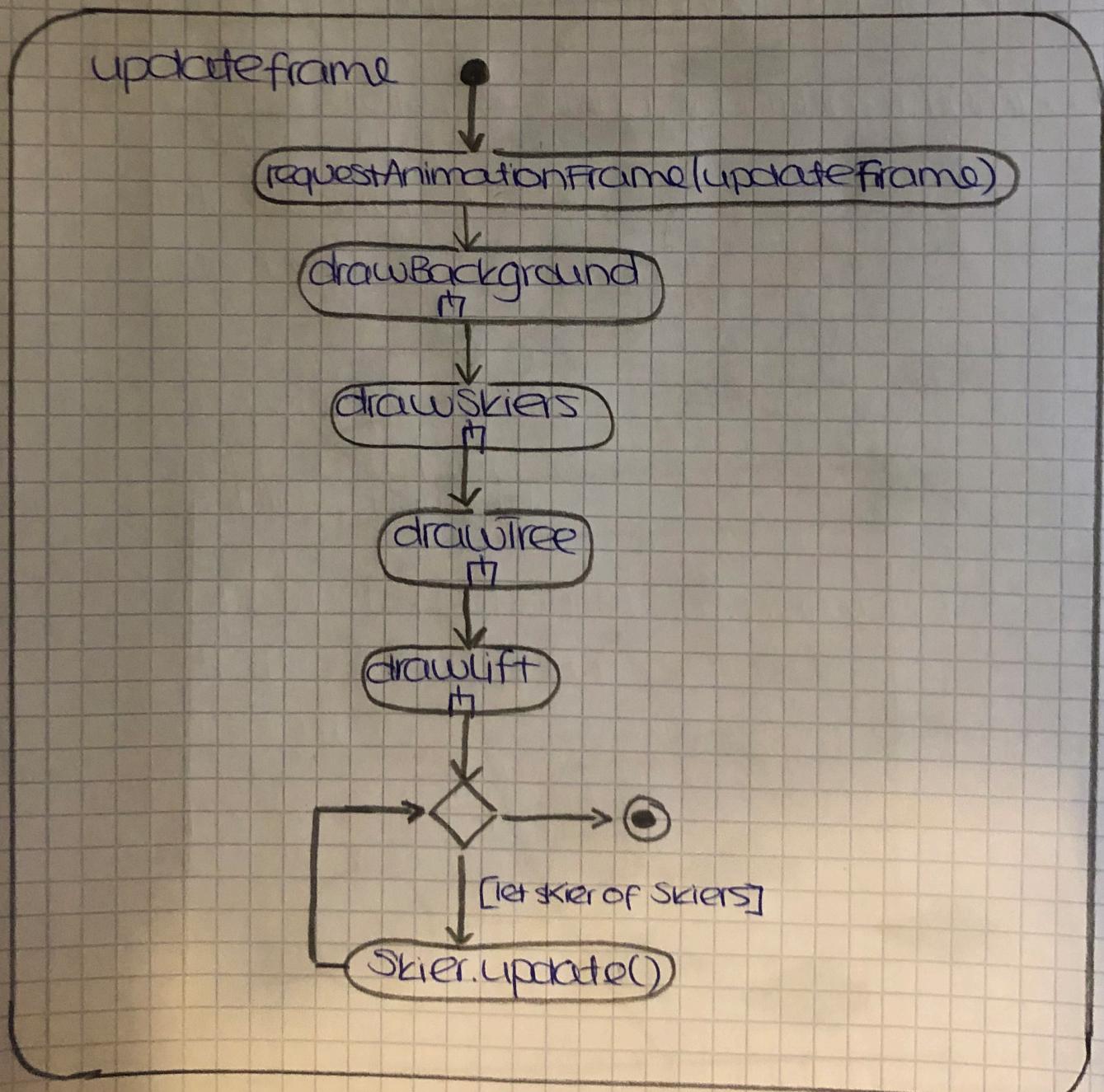
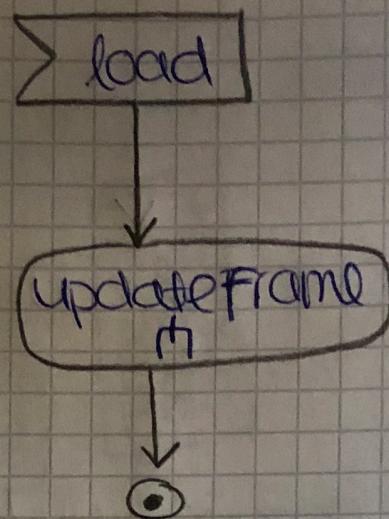
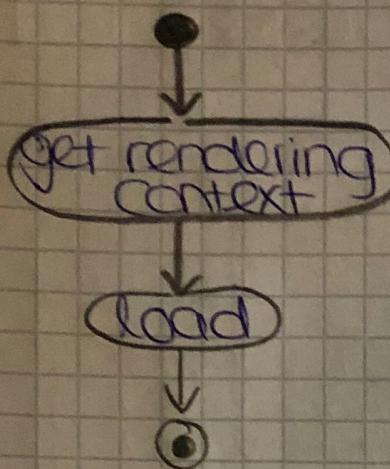
```
constructor (x: number, y: number)
```

```
drawSun ()
```

```
moveSun ()
```

```
update ()
```

Activity Diagram



drawBackground

create sky

```
grid = linear Gradient  
fillStyle = grid  
fillRect = canvas.width  
canvas.height
```

fillRect with grid

Sundata.
Update()

~~#393C3E~~

create Berg1

```
fillStyle = "#393C3E"  
create form with  
A(460, 220)  
B(520, 130)  
C(570, 220)  
D(460, 220)
```

fill form

create Berg2

```
fillStyle = "#393C3E"  
create form with  
A(280, 200)  
B(320, 90)  
C(390, 200)  
D(280, 200)
```

fill form

create Berg3

```
fillStyle = "#595E62"  
create form with  
A(320, 220)  
B(400, 50)  
C(450, 220)  
D(320, 220)
```

fill form

create Berg4

```
fillStyle = "gray"  
create form with  
A(370, 220)  
B(450, 100)  
C(500, 220)  
D(370, 220)
```

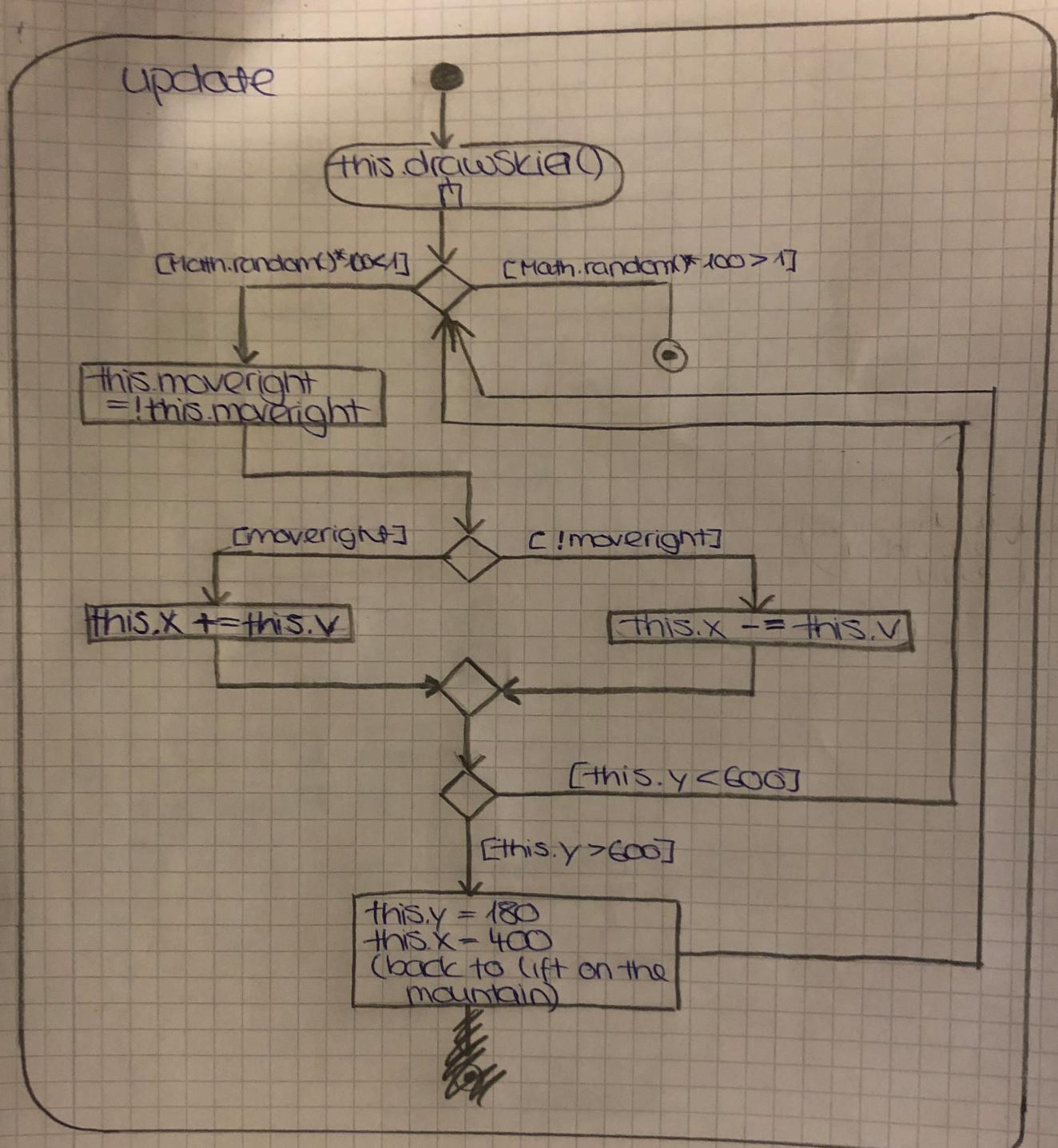
fill form

create Slope

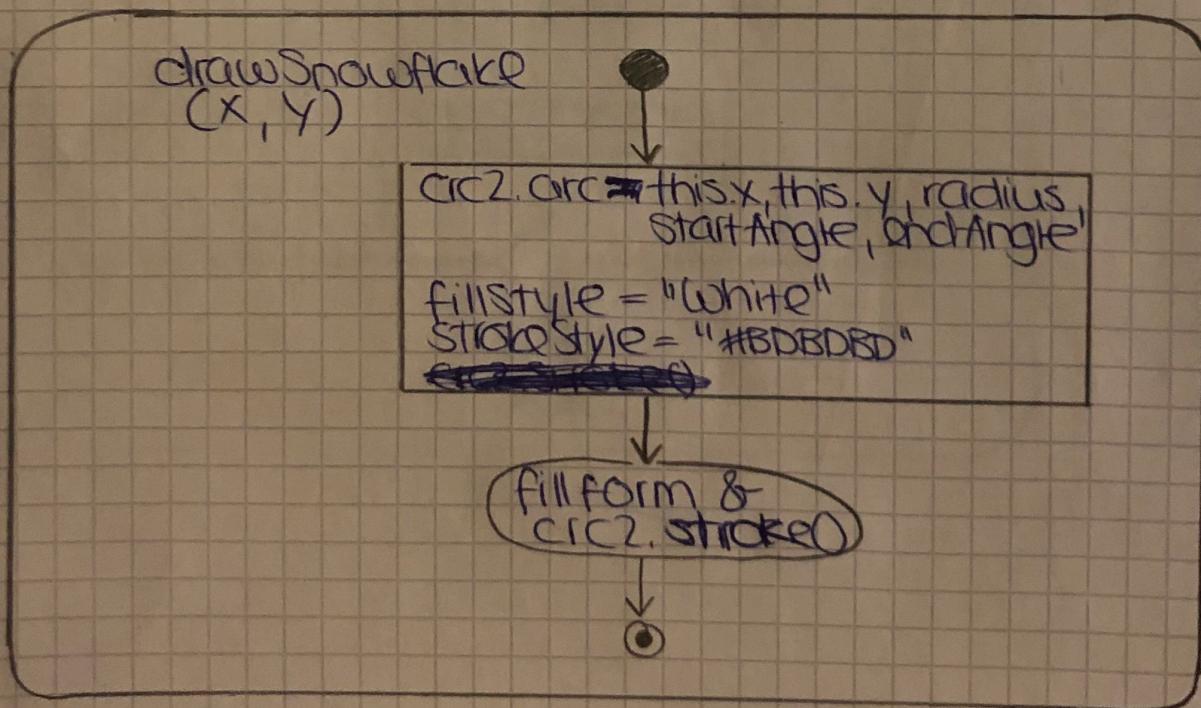
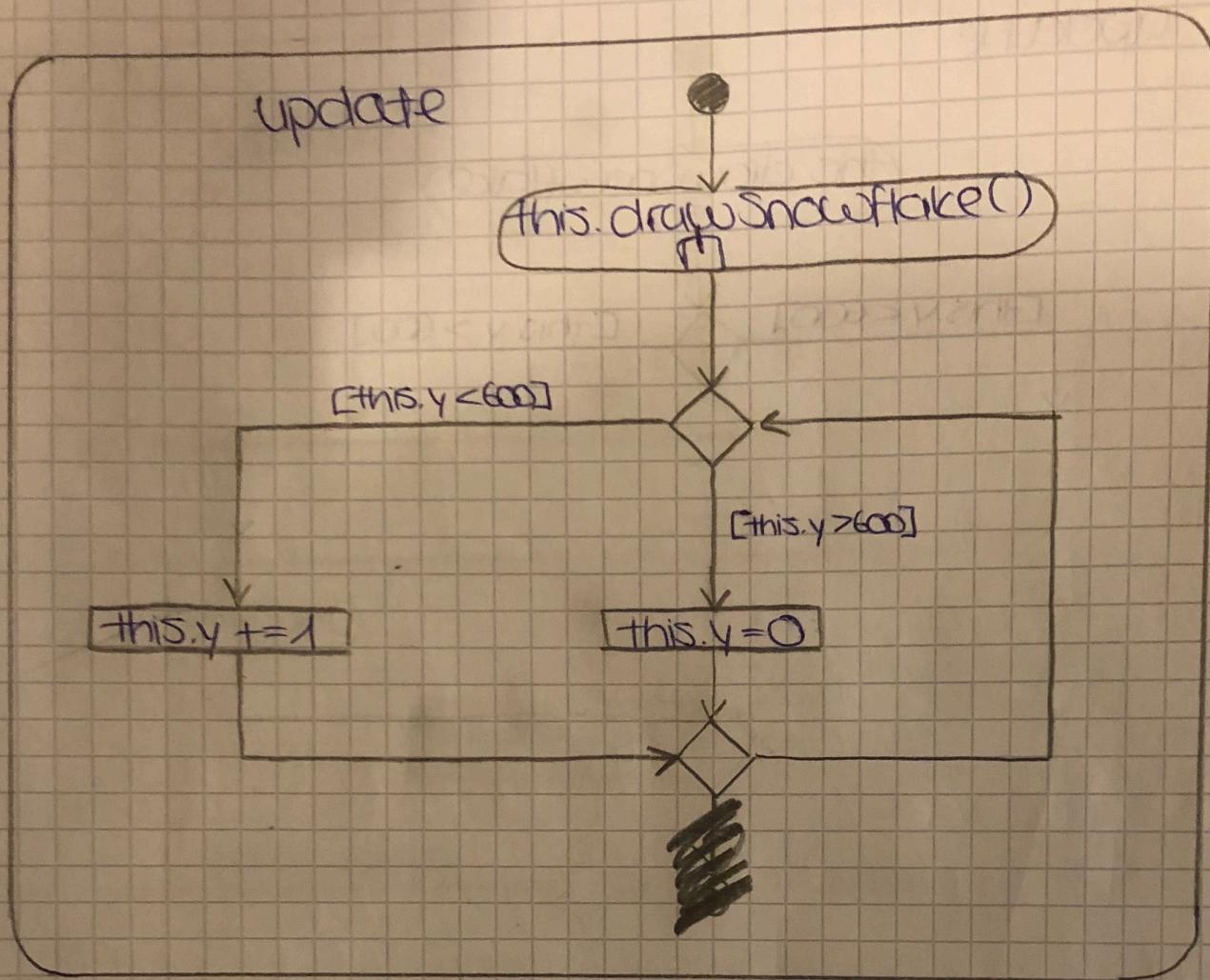
CanvasPath.arc
 x: 350
 y: 1010
 r: 820
 startAngle: 1.0 * Math.PI
 endAngle: 2.0 * Math.PI

fill form

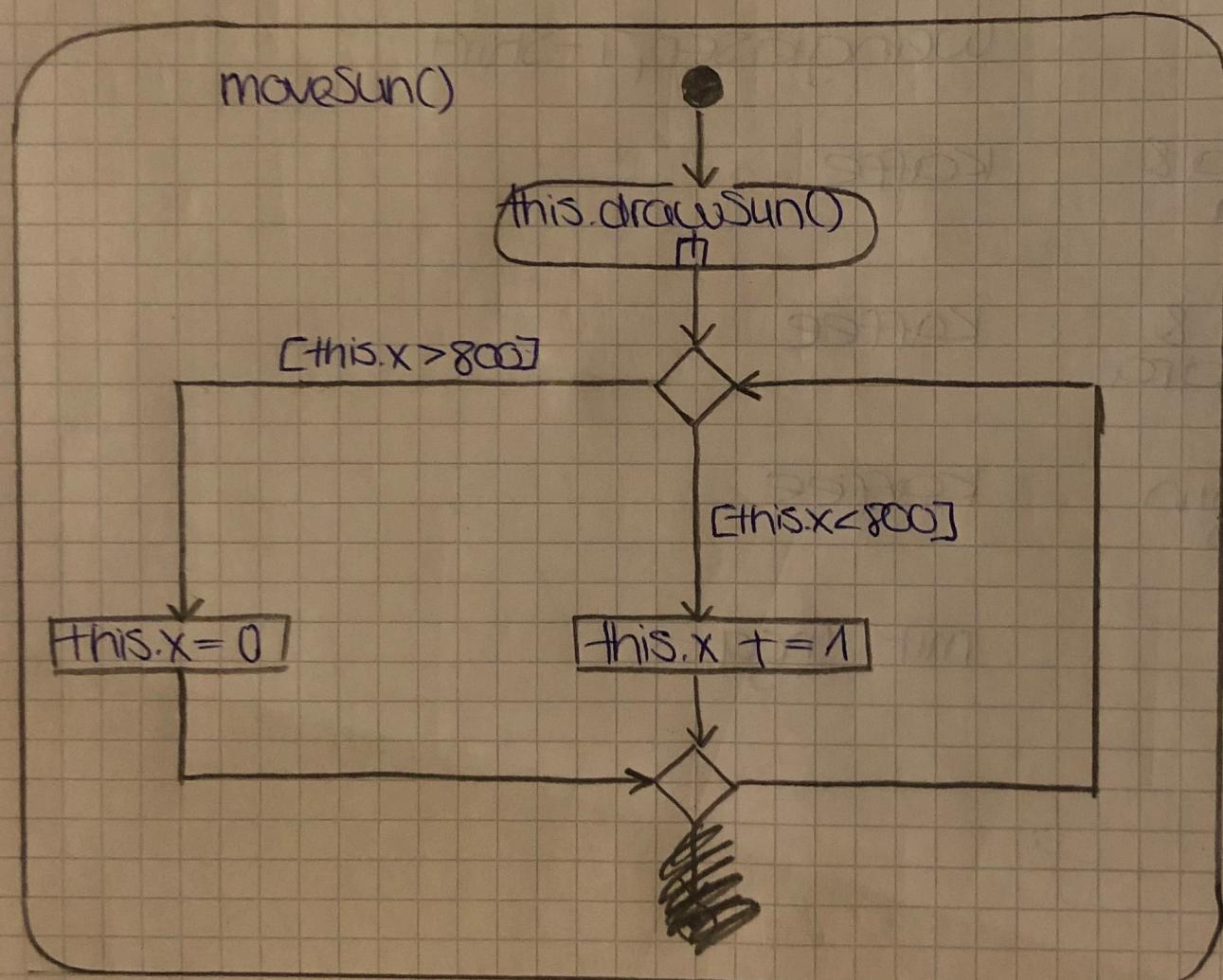
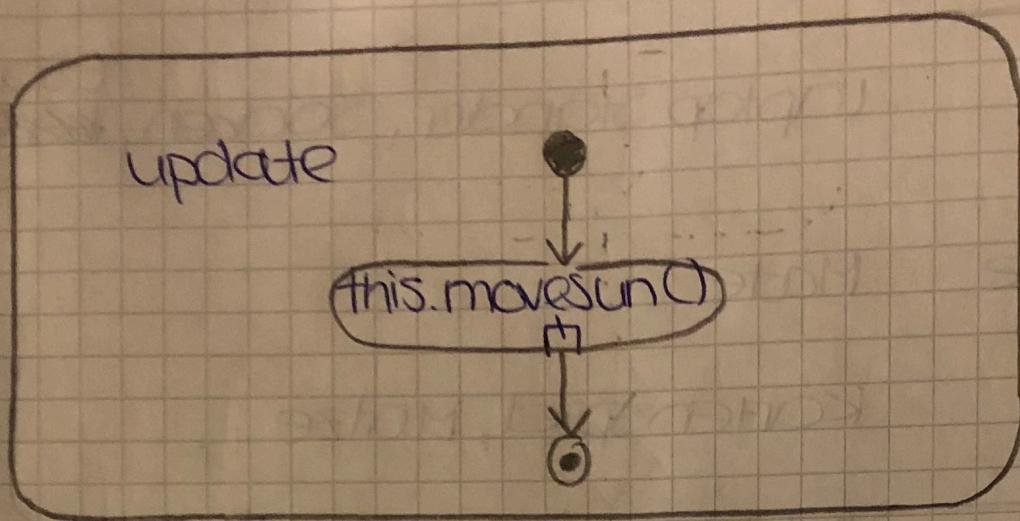
SKIER



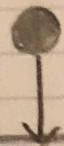
SNOWFLAKE



SUN



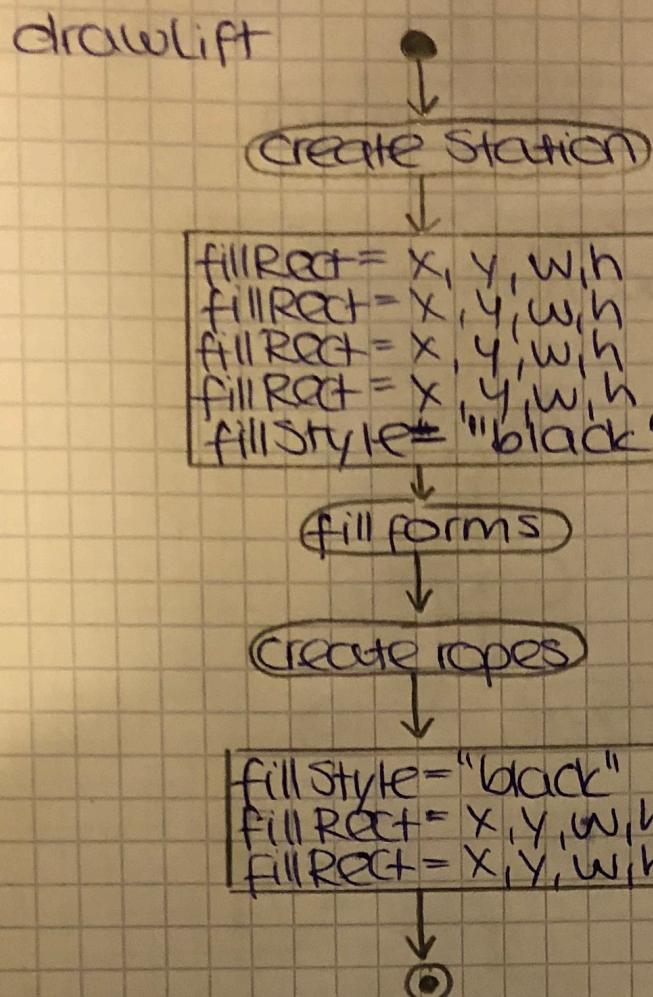
drawsun



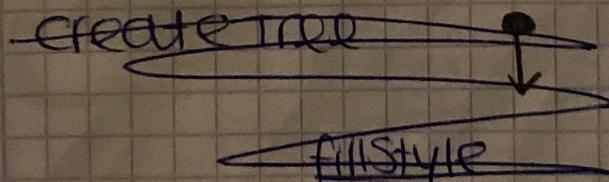
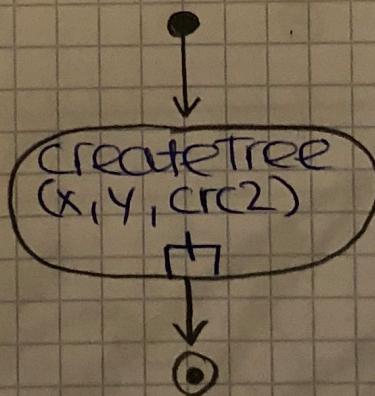
```
CrC2.arc = this.x, this.y, 40, 0, 2*Math.PI  
fillStyle = "yellow"
```

fill form





drawTree



CREATETREE
(x, y, crc2)



Create TreeTop



fillStyle = "green"
Create form with
A(x-14, y)
B(x+26, y)
C(x+4, y-60)
D(x-14, y)

fill form



Create Stump



fillStyle = "8B4513"
fillRect = x, y, 12, 20

fill form
Rect



drawSnow

like 40

x: number = Math.random() * canvasWidth
y: number = Math.random() * canvas.height
crc2

scale, transform