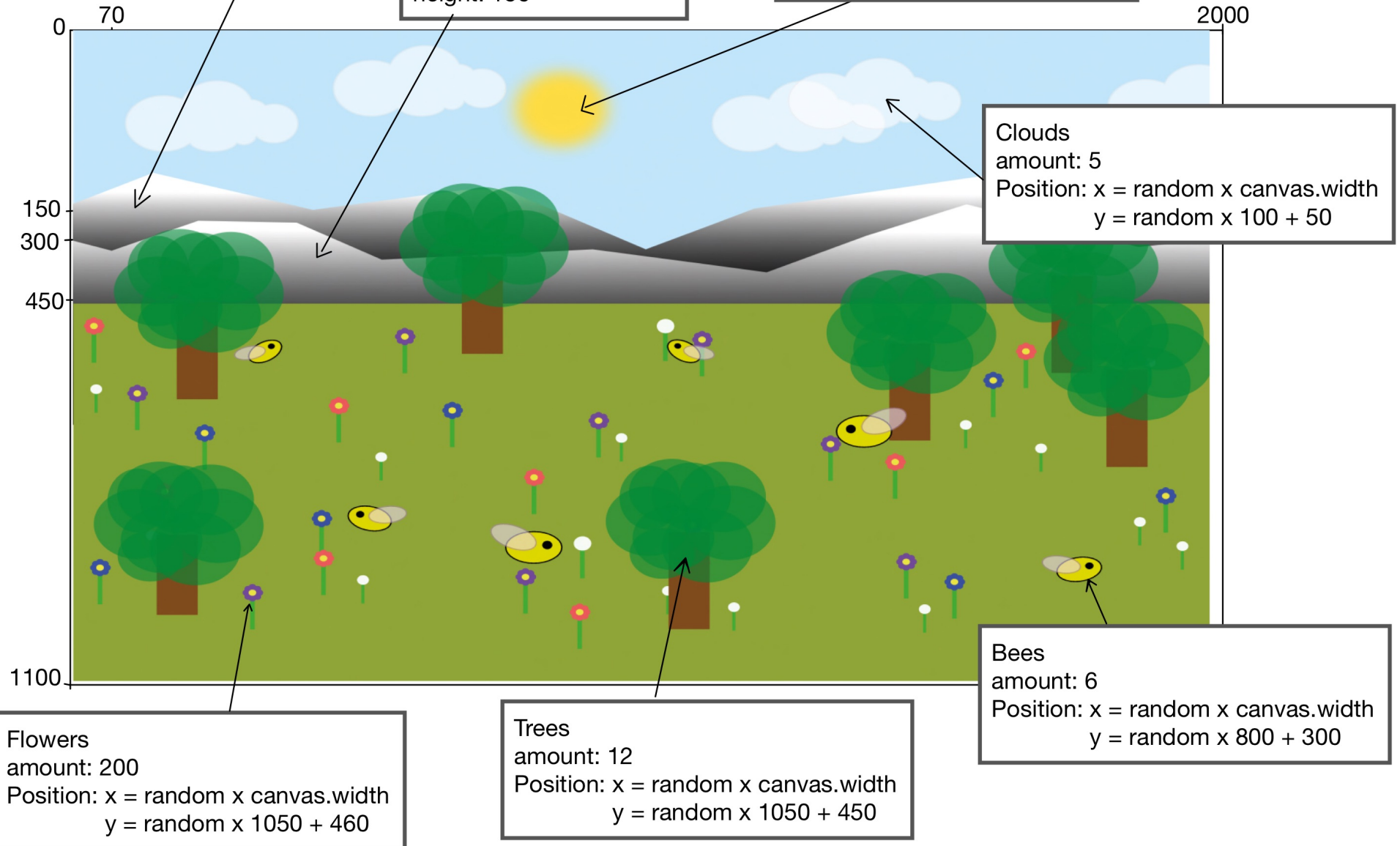


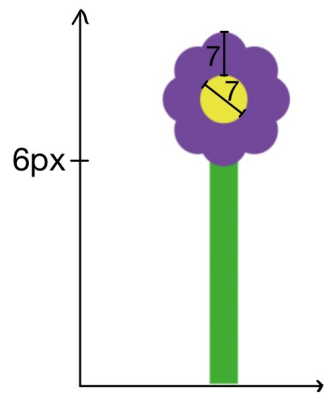
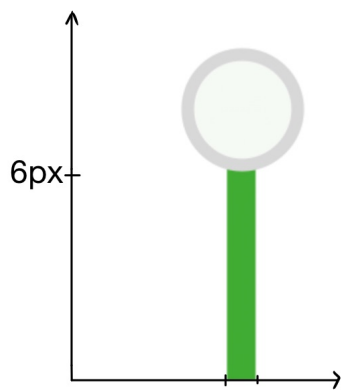
Canvas:
1100 x 2000px

mountain
Position: $x = 0$; $y = 150$
height: 300

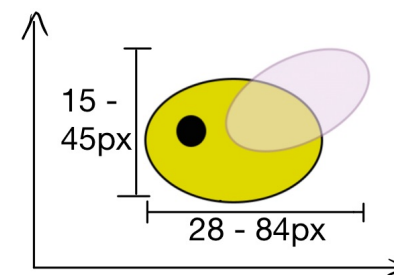
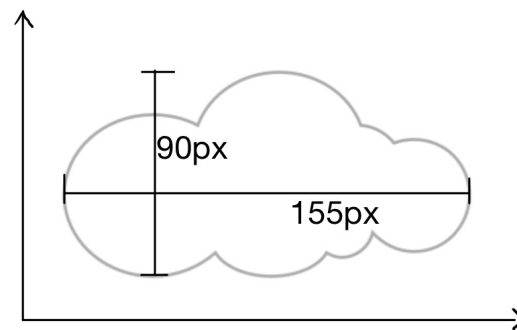
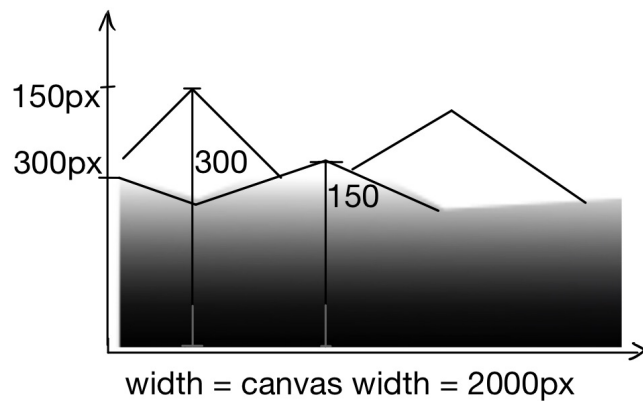
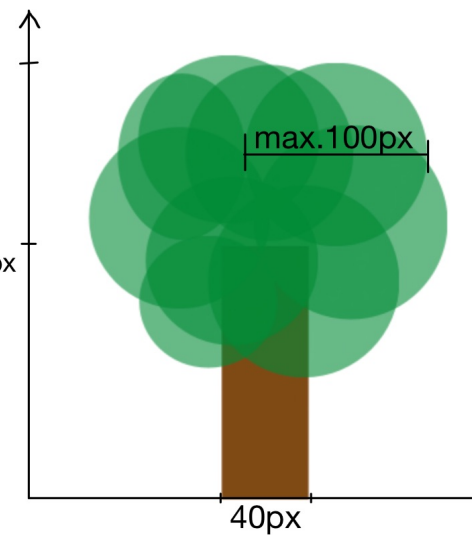
mountain2
Position: $x = 0$; $y = 300$
height: 150

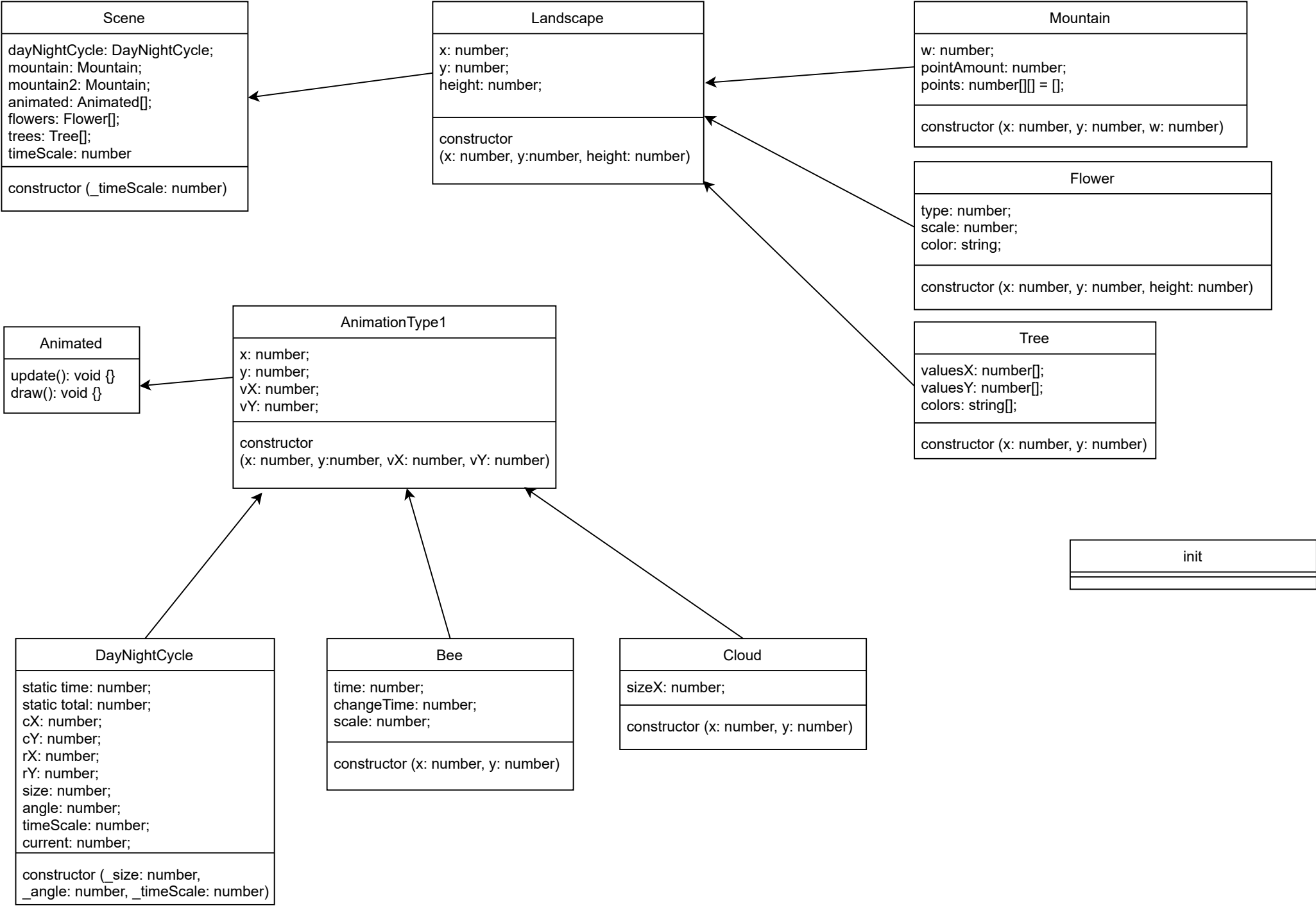
DayNightCycle
Position: $x = 70$; $y = \text{Math.PI}$
cycle = timeScale



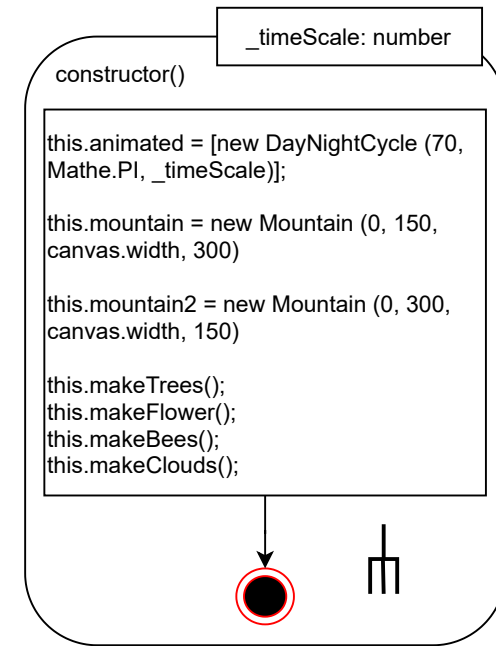
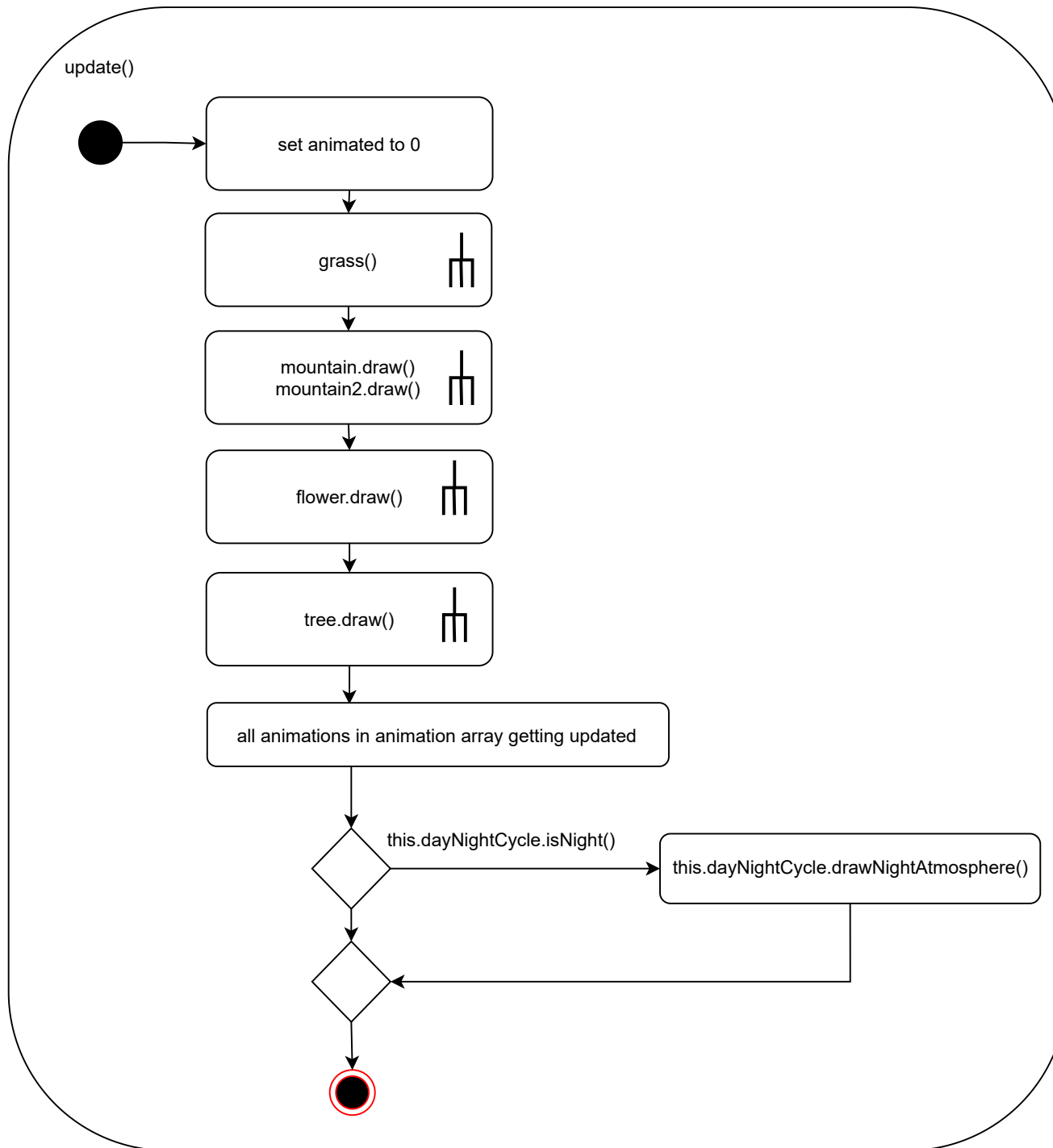


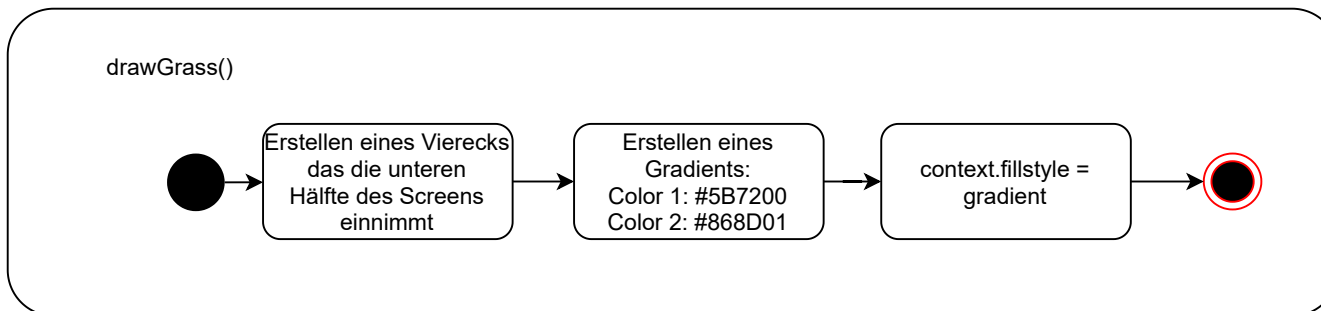
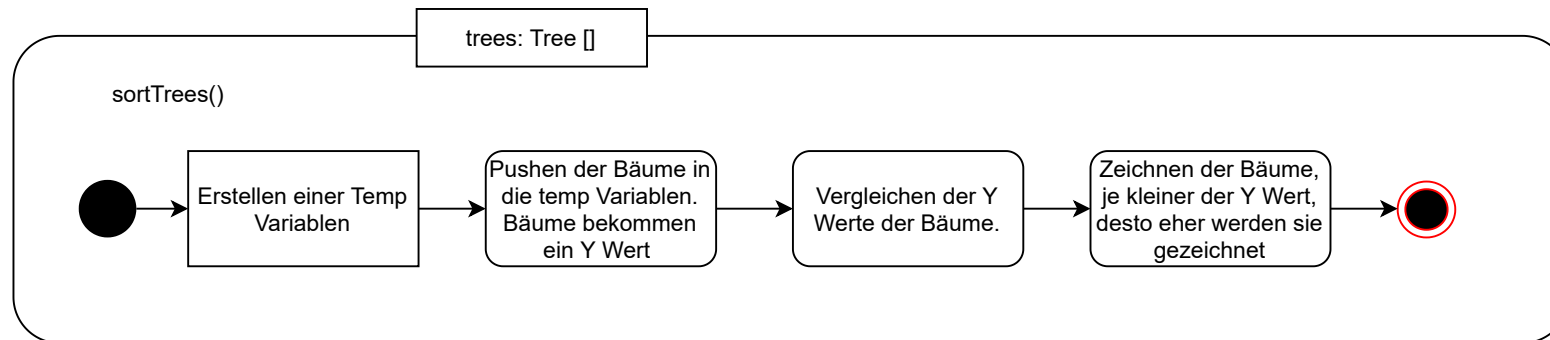
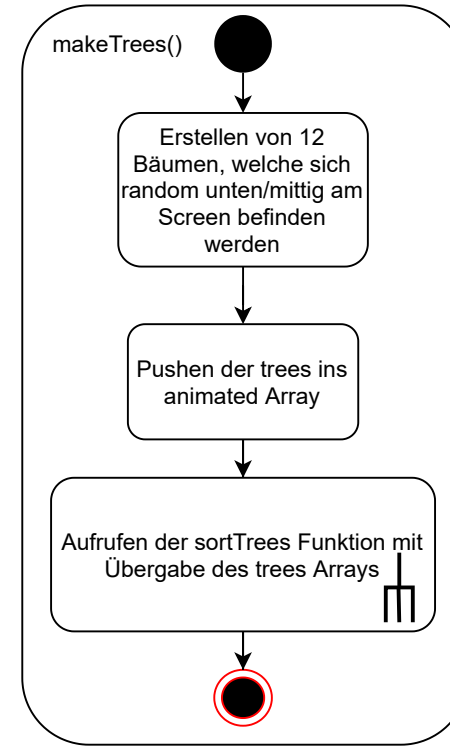
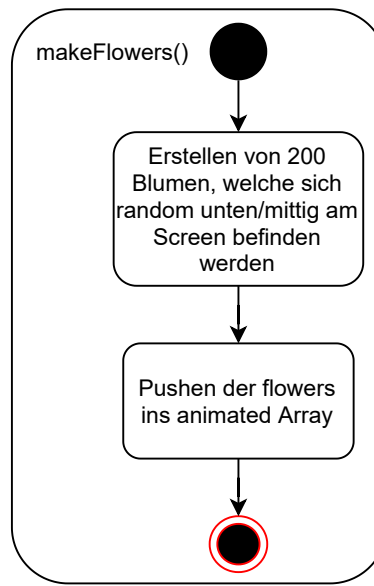
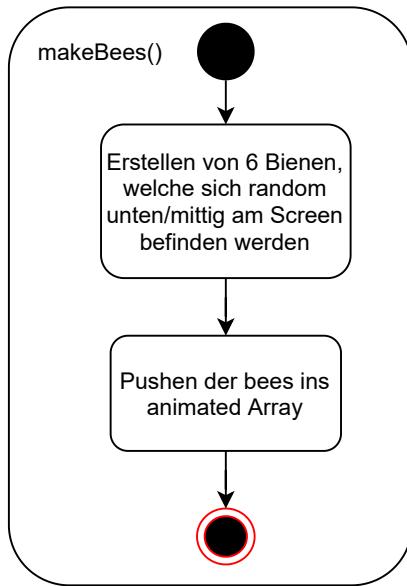
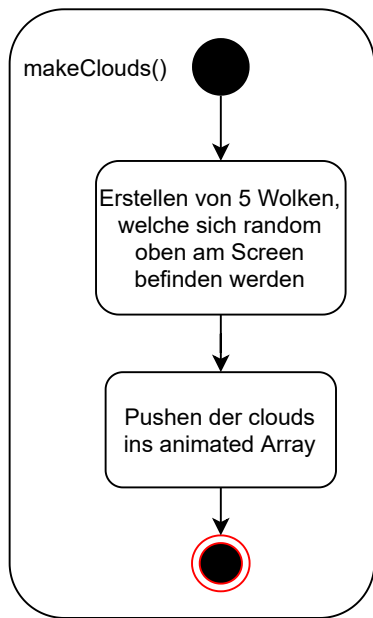
height trunk:
-150px - random x 100px



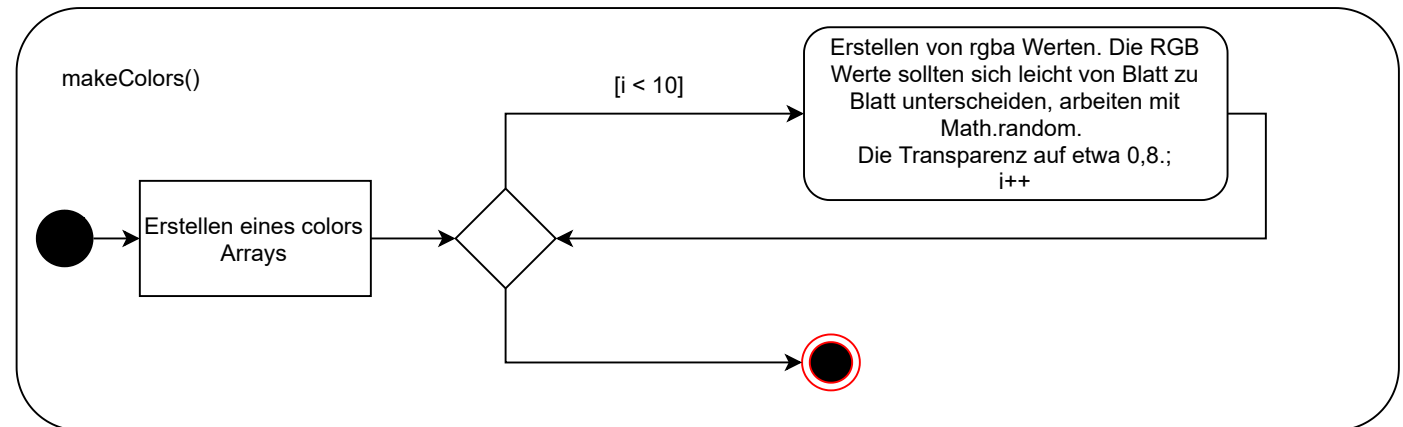
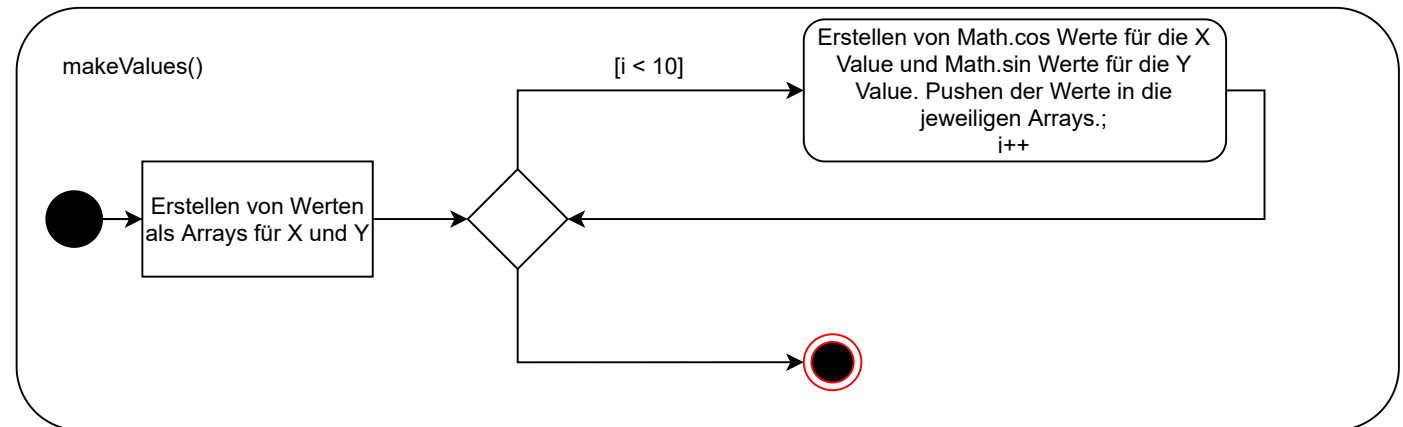
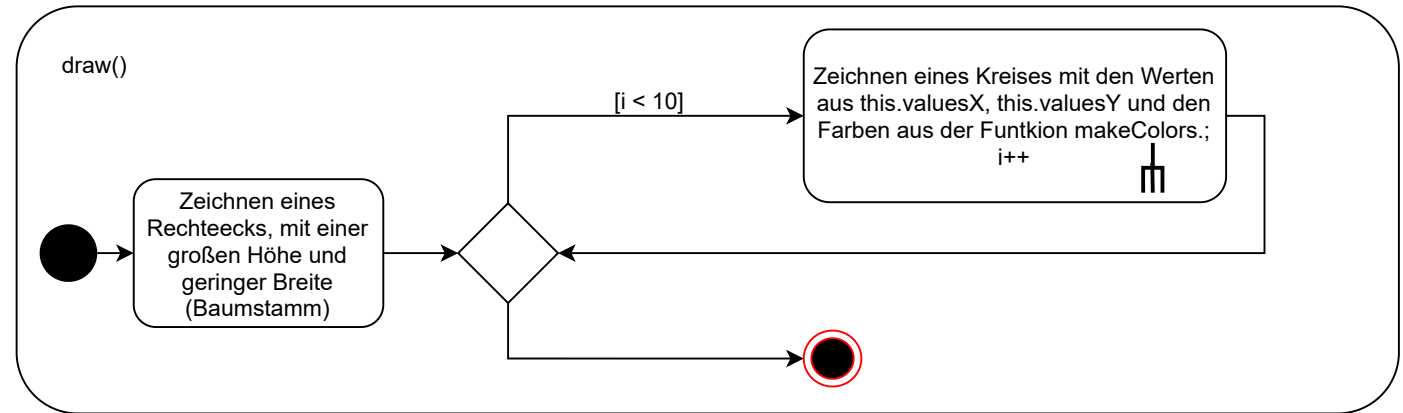
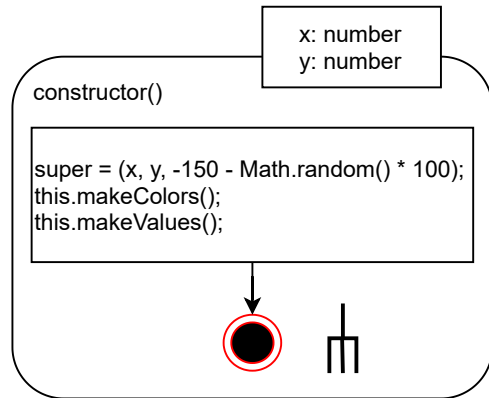


Aktivitätsdiagramm: Scene

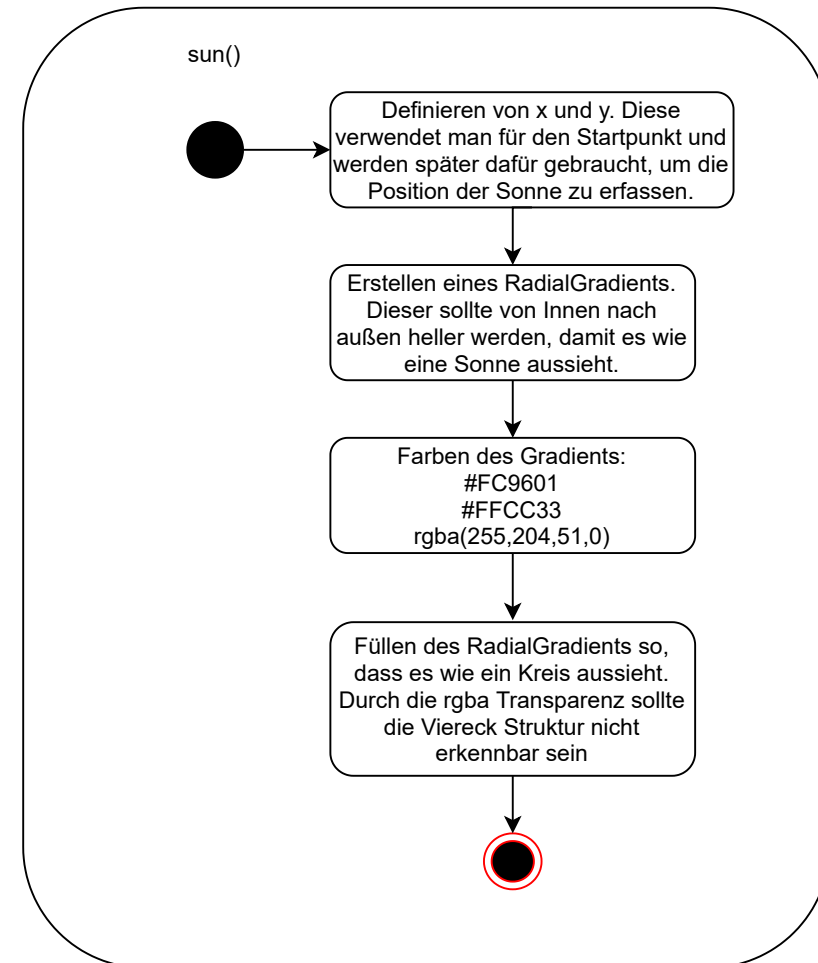
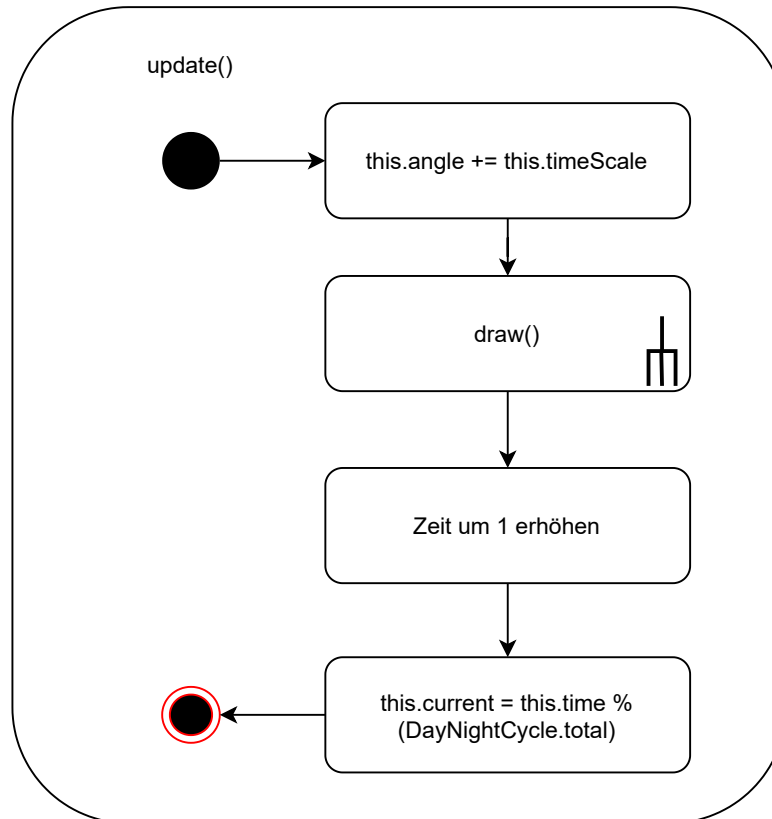
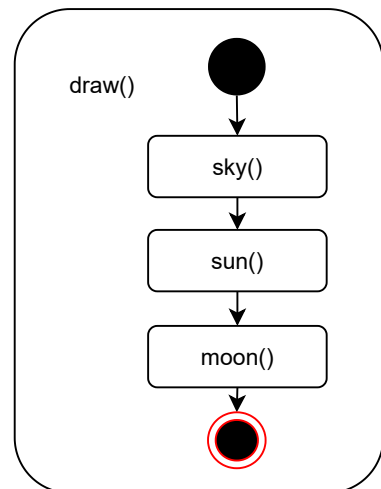
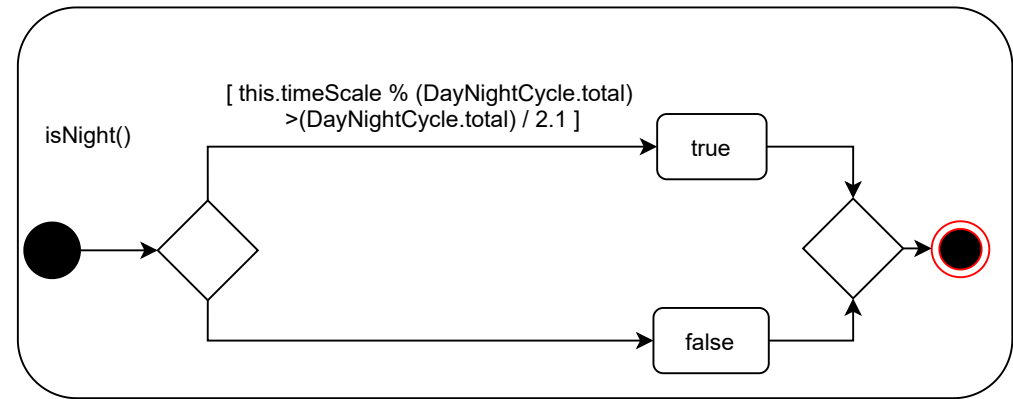
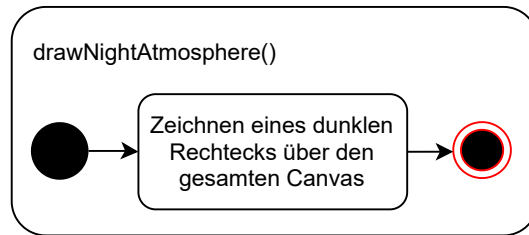
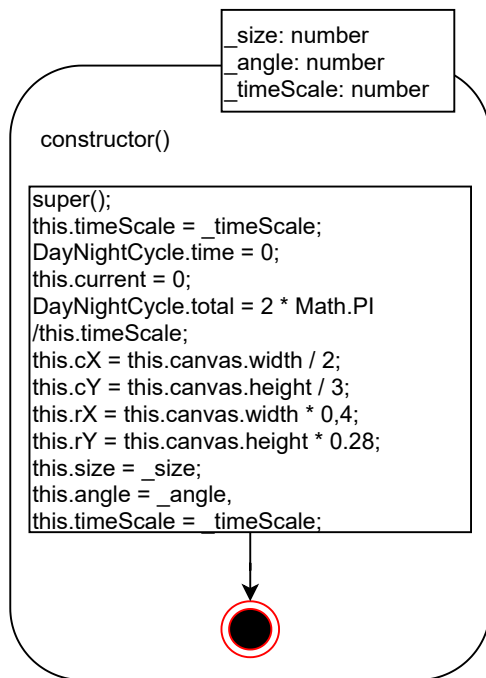


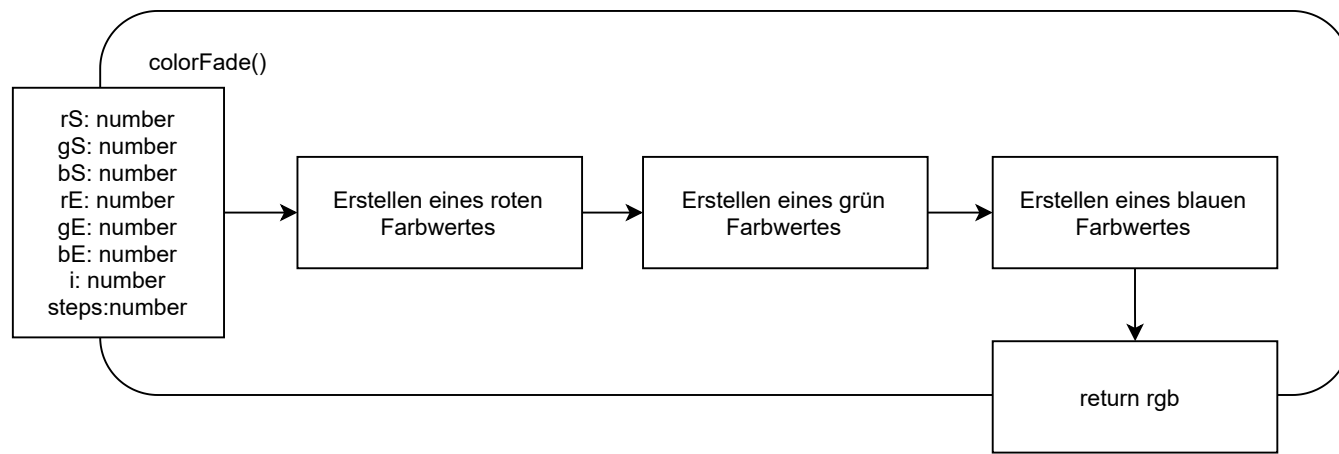
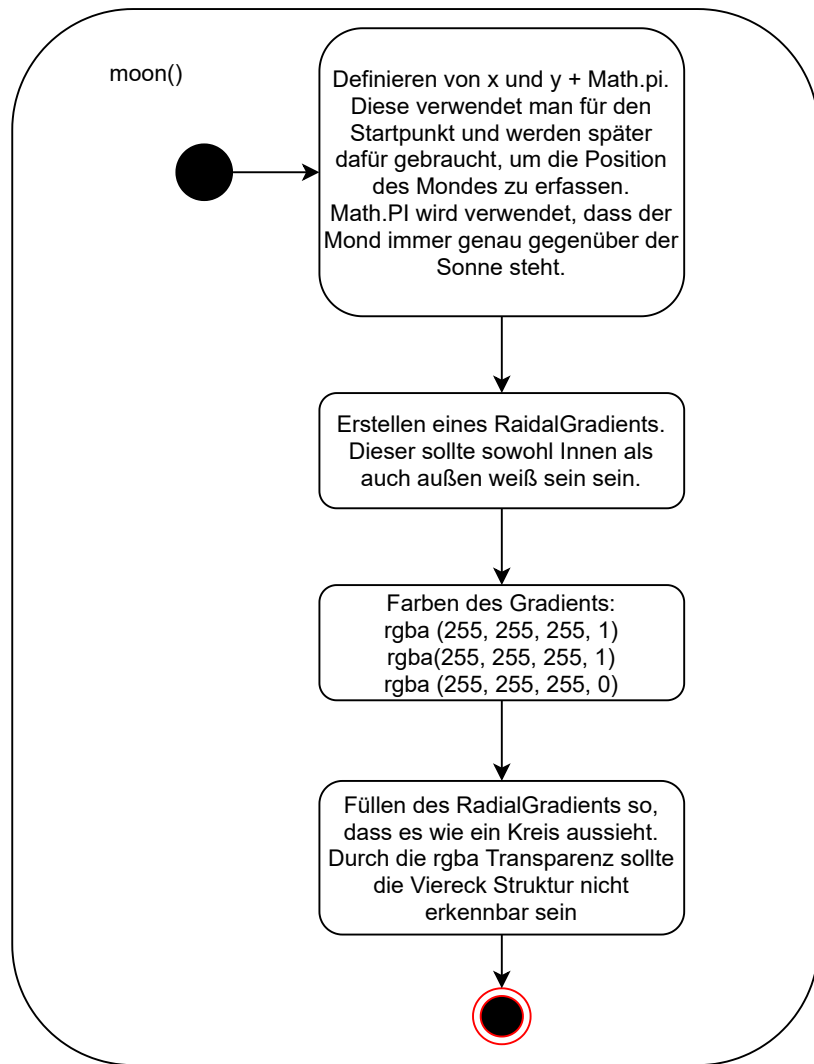


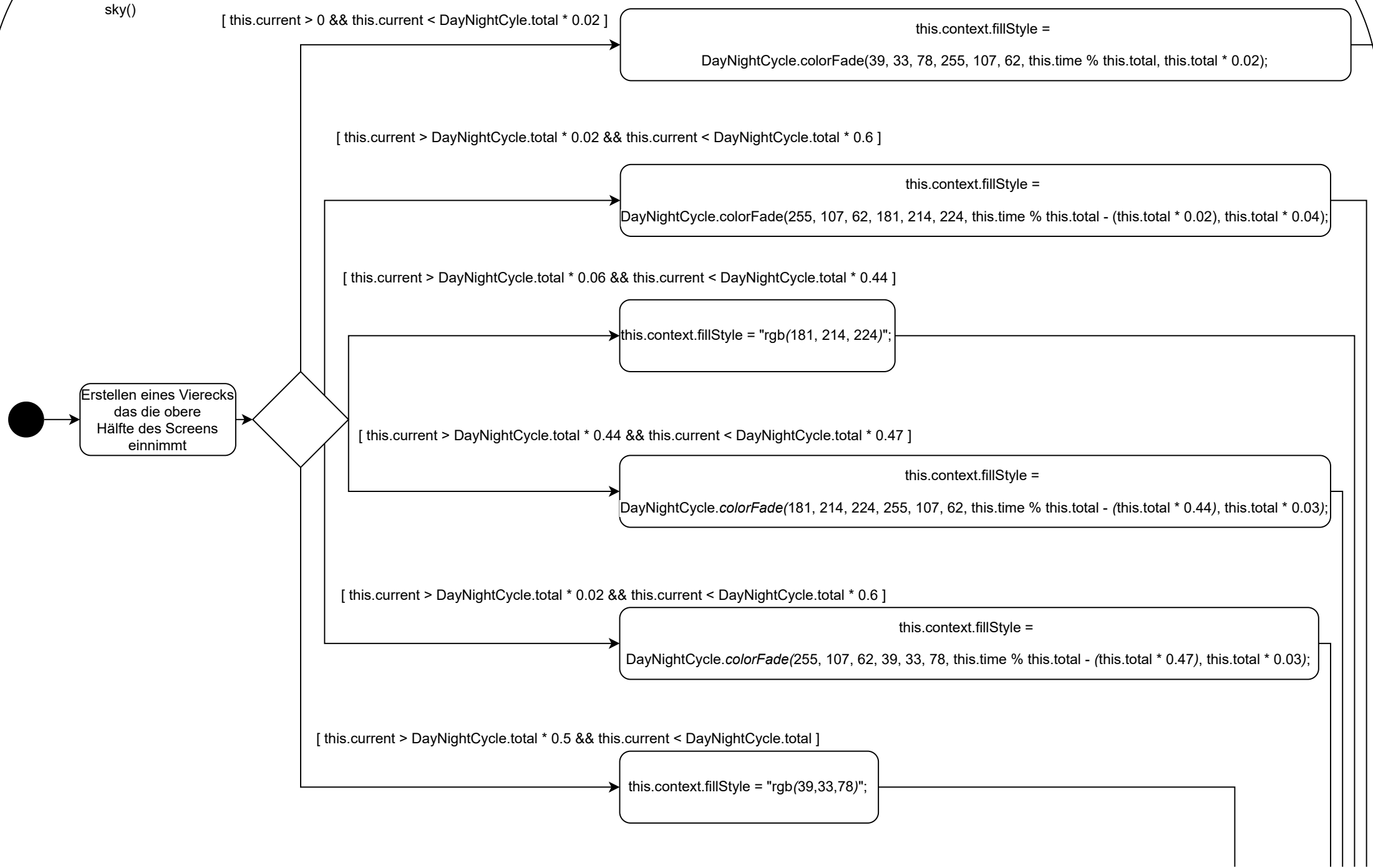
Aktivitätsdiagramm: Trees

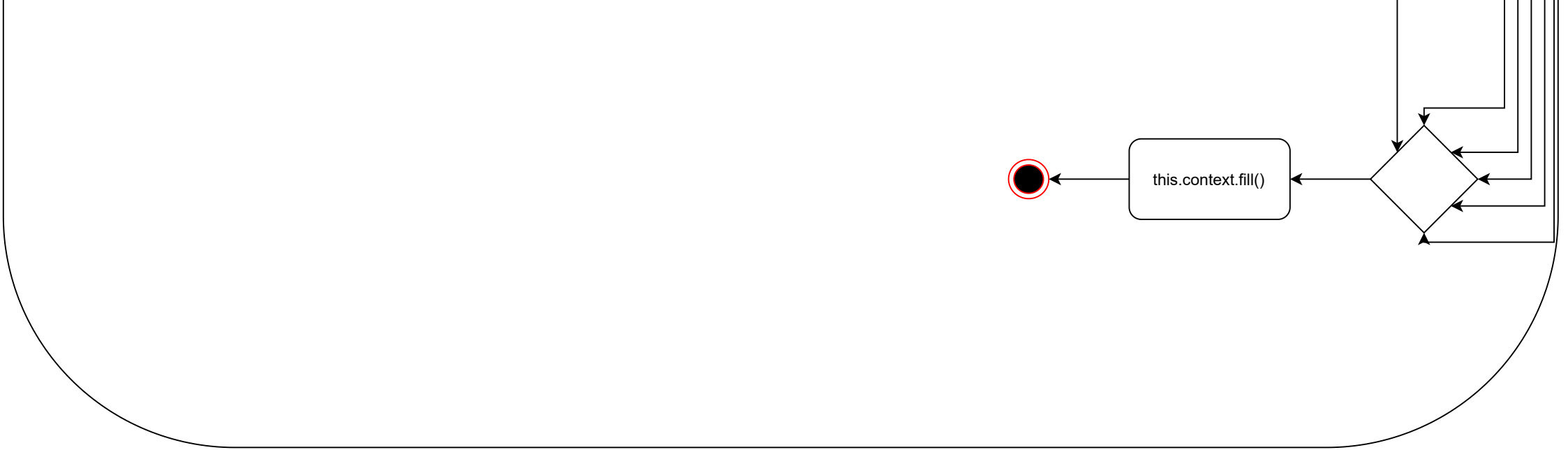


Aktivitätsdiagramm: DayNightCycle

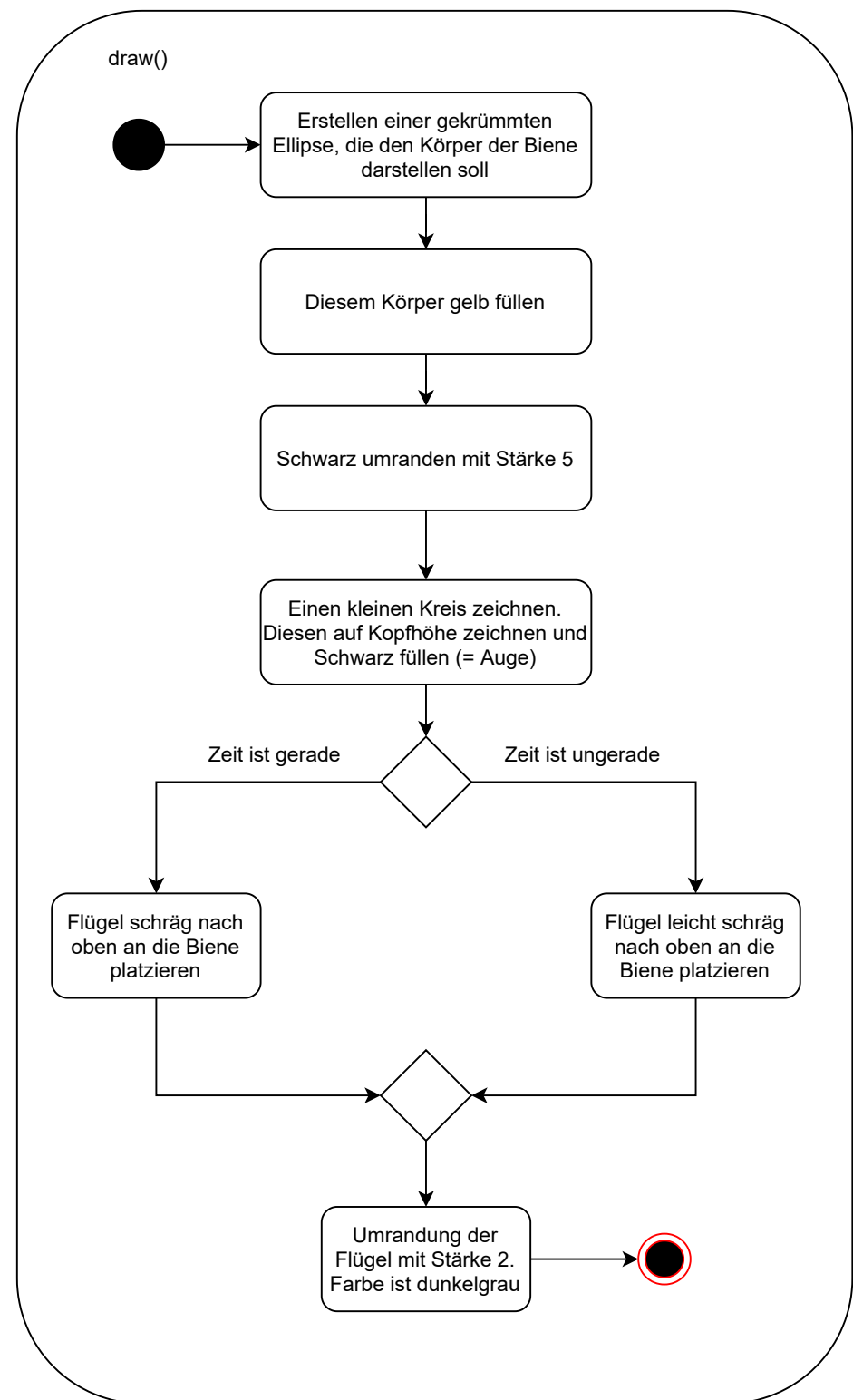
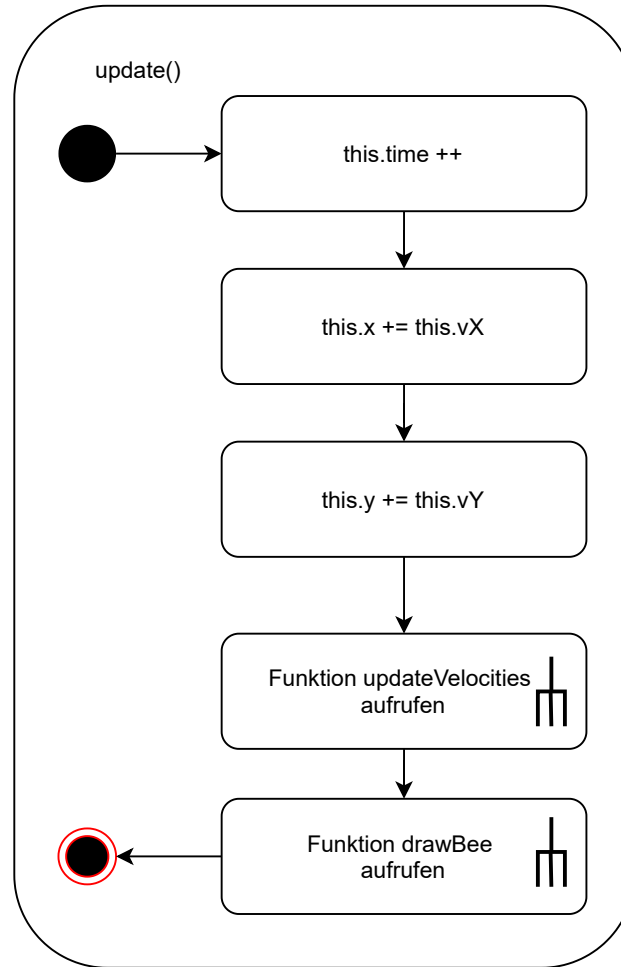
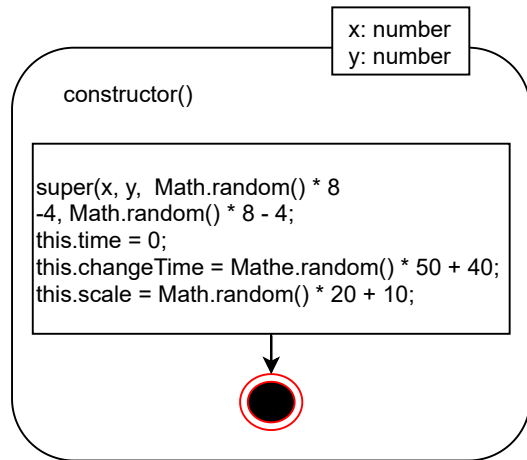




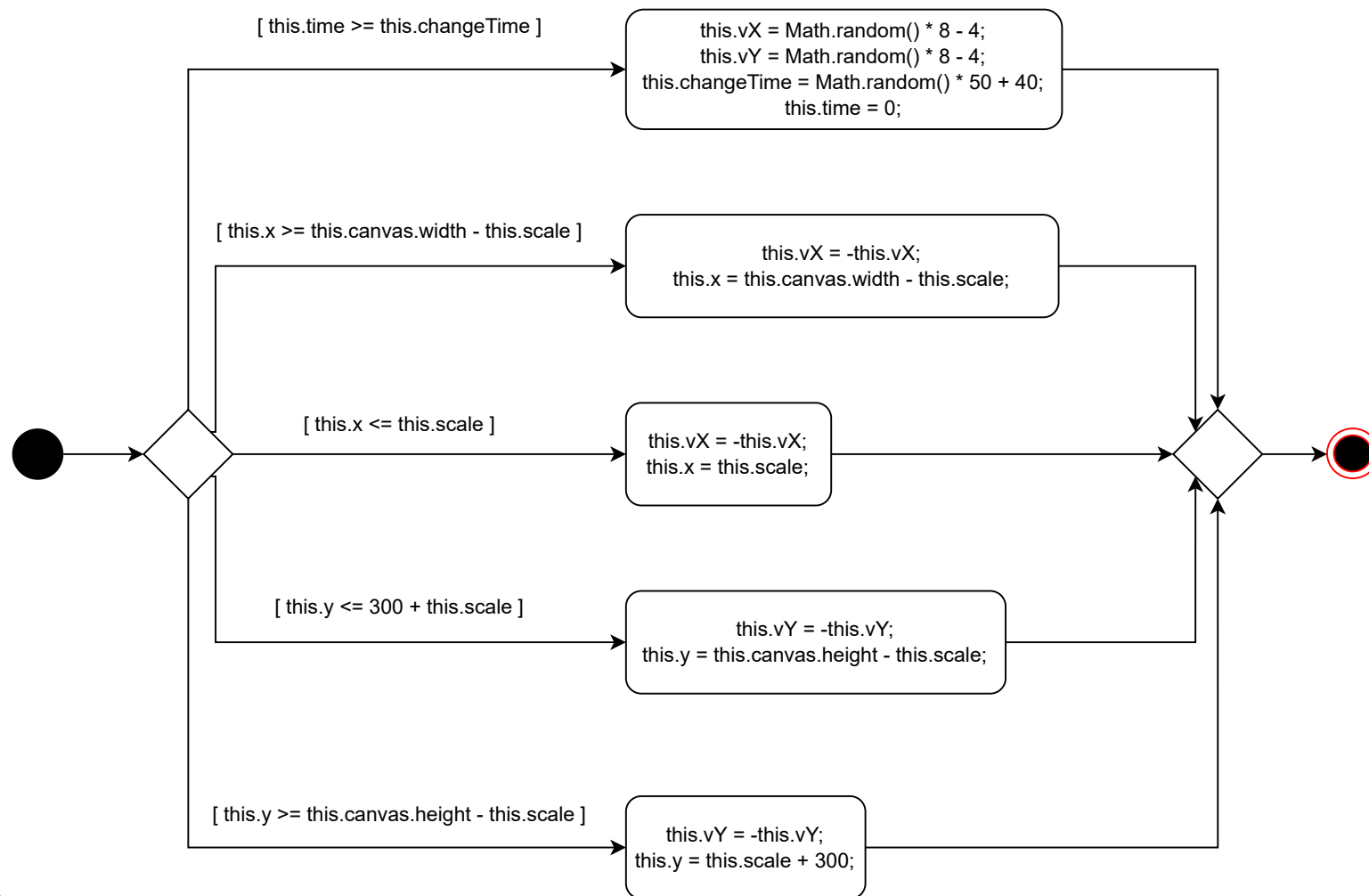




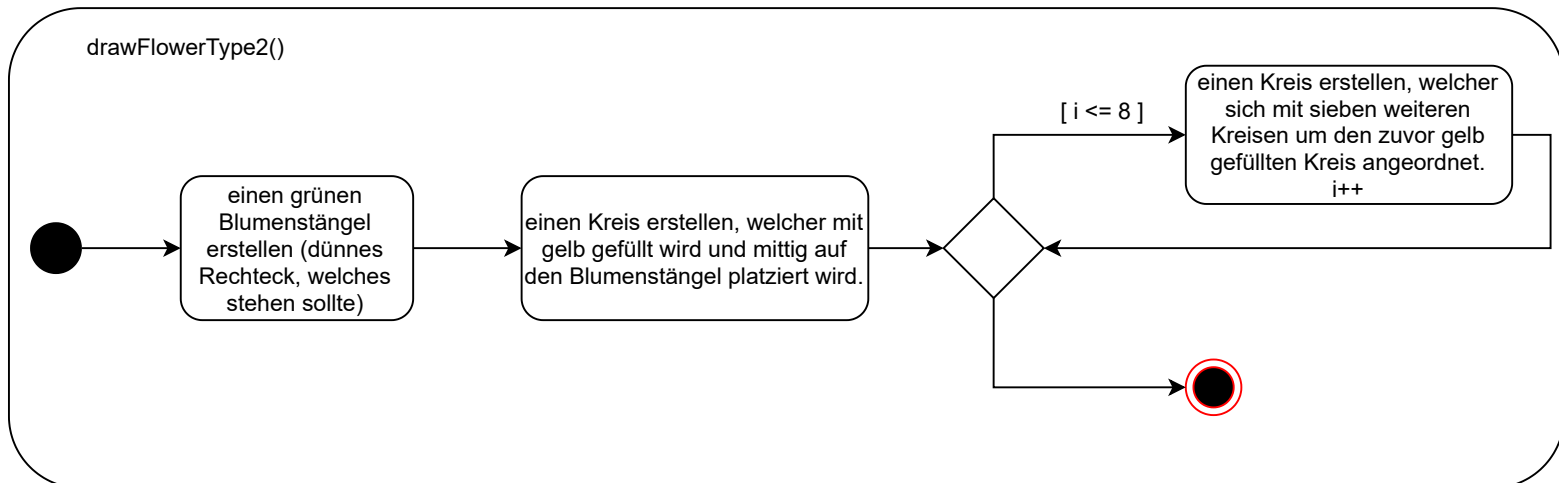
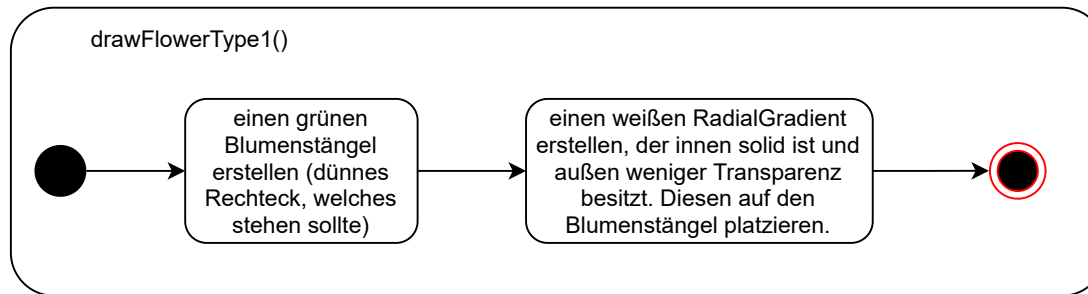
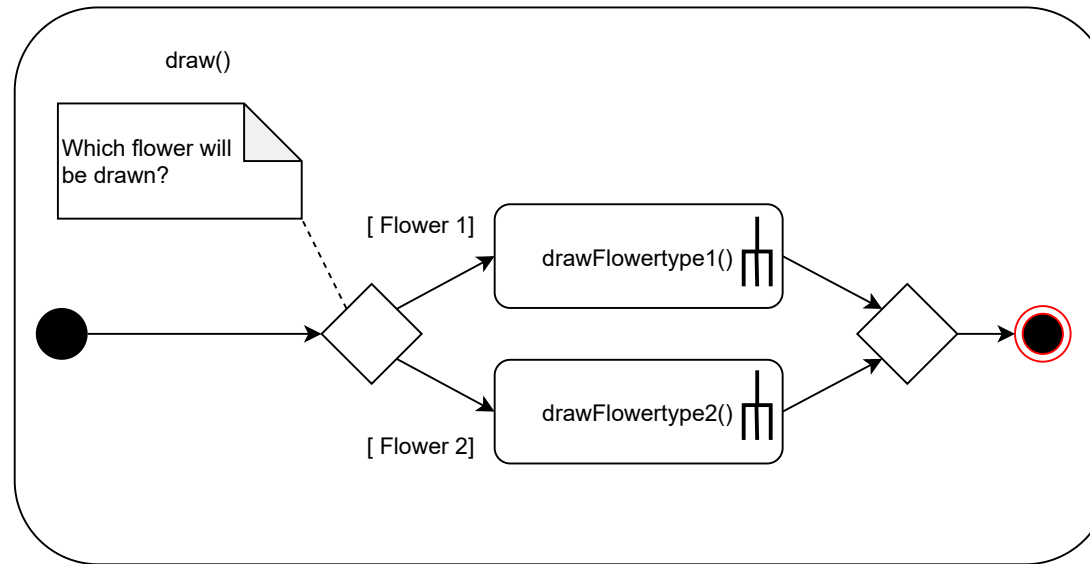
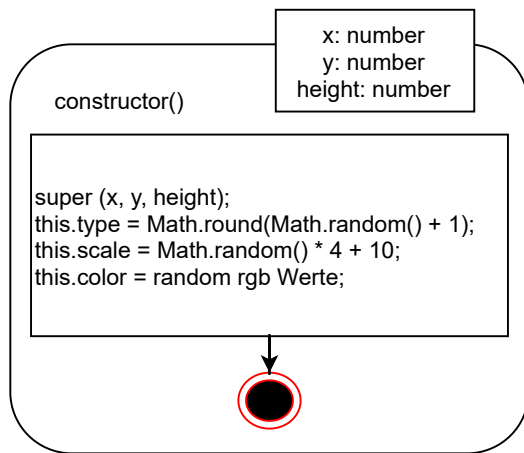
Aktivitätsdiagramm: Bee



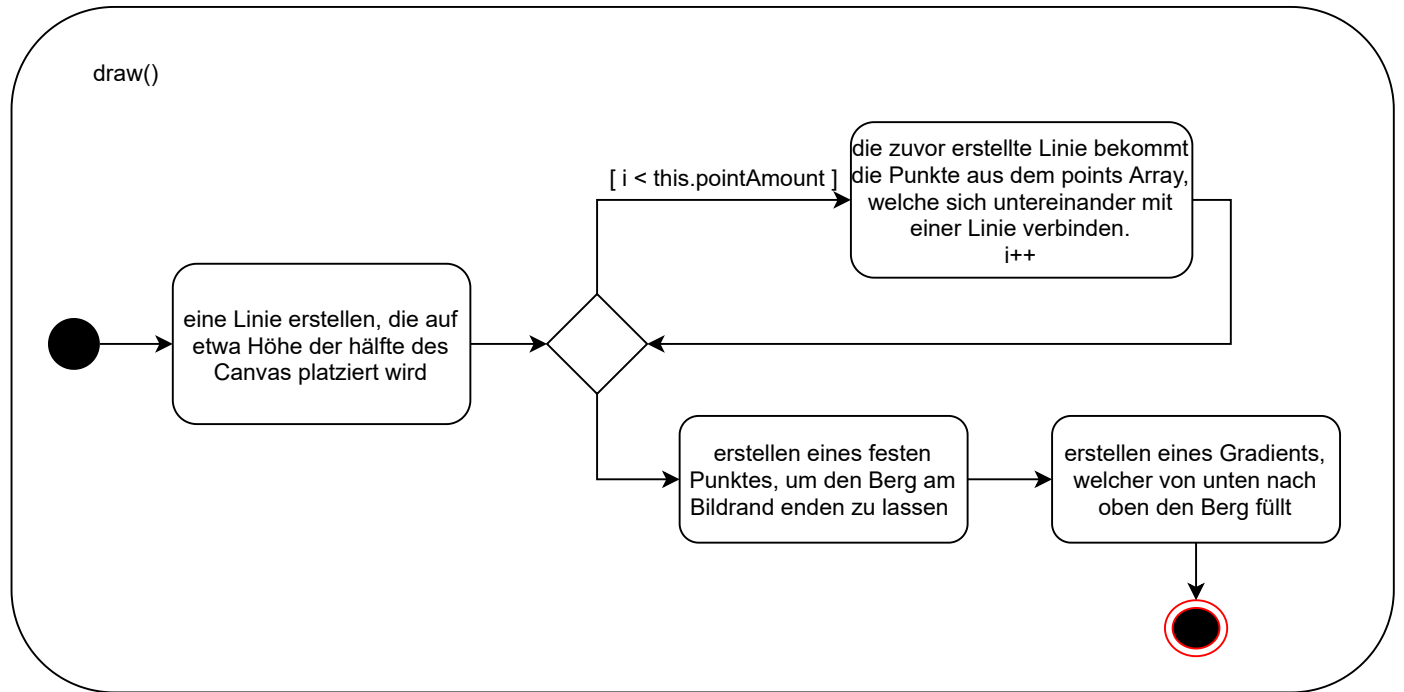
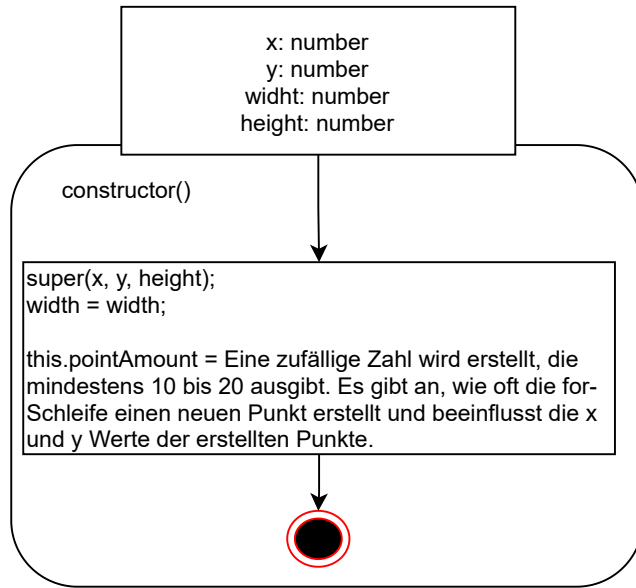
updateVelocities()



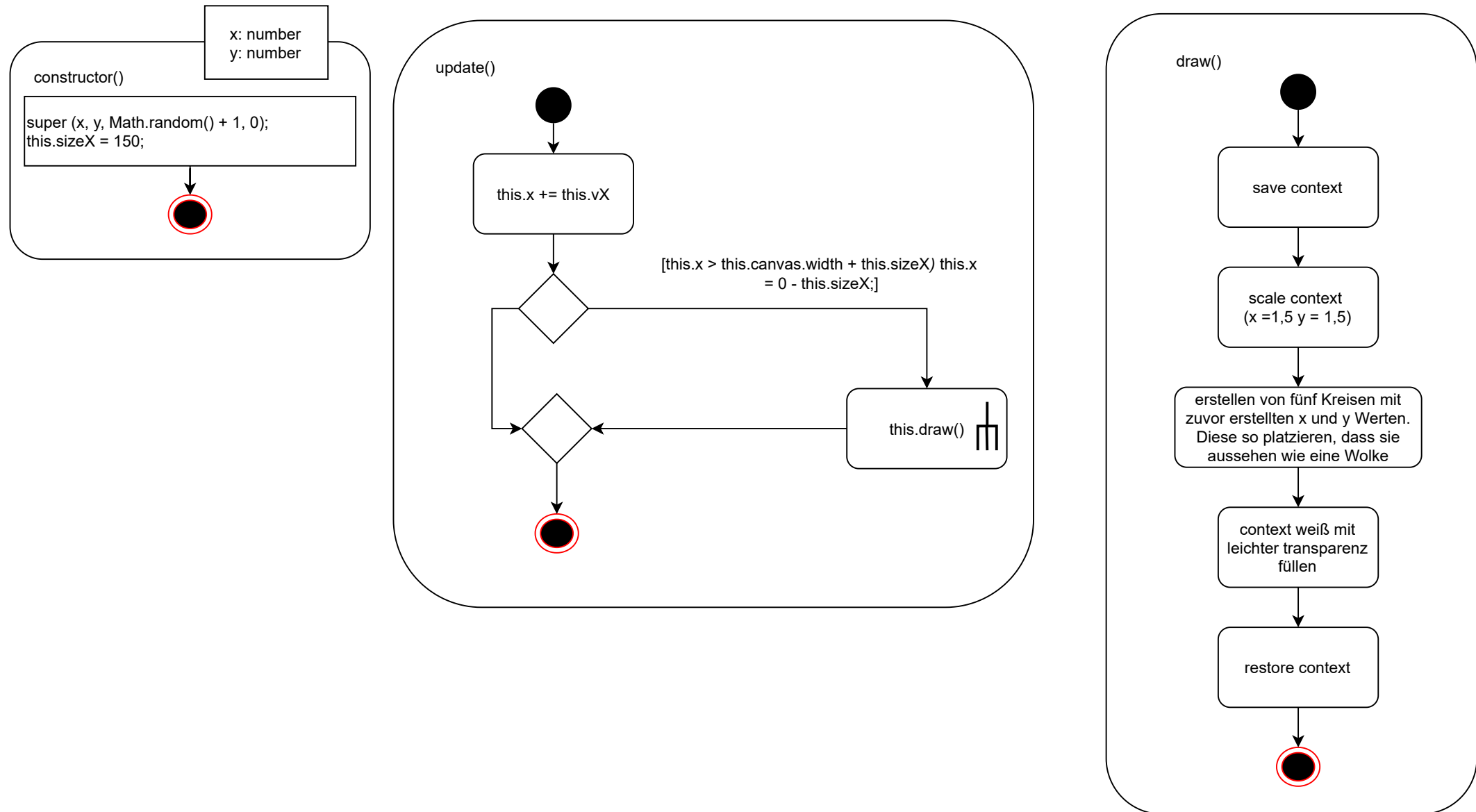
Aktivitätsdiagramm: Flower



Aktivitätsdiagramm: Mountain

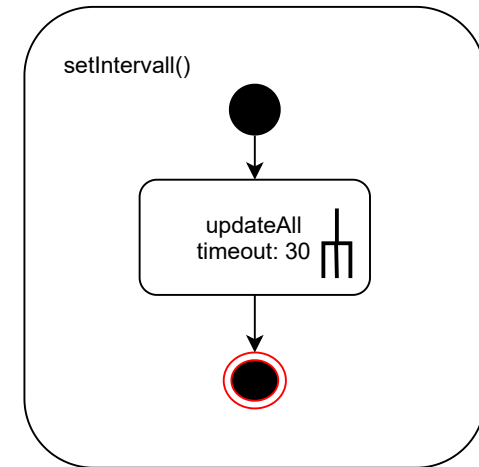
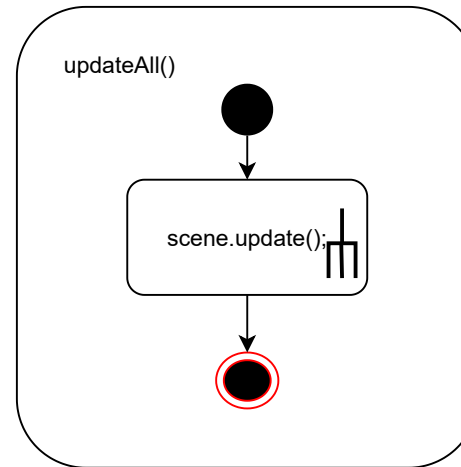


Aktivitätsdiagramm: Cloud



Aktivitätsdiagramm: Script

```
timeScale: number = 0.005;  
(kann angepasst werden, beeinflusst die Geschwindigkeit,  
in der der Tag zur Nacht wird und umgekehrt)  
scene: Scene = new Scene(timeScale);  
setInterval (updateAll, 30)
```



Aktivitätsdiagramm: Init

```
export let canvas: HTMLCanvasElement = <HTMLCanvasElement> document.getElementById("canvas");  
export let c: CanvasRenderingContext2D = canvas.getContext("2d");
```