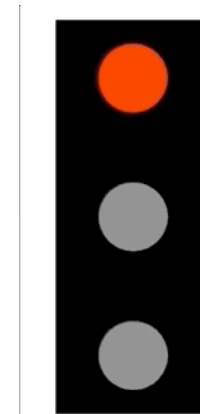
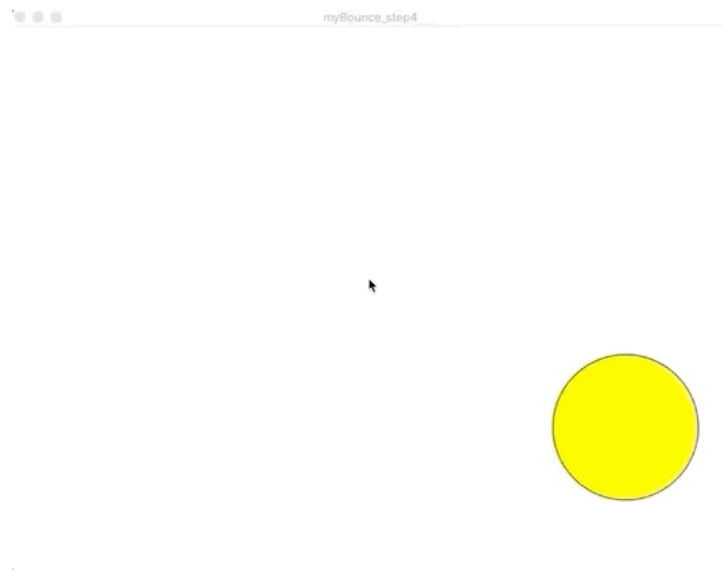


Torsdagens øvelser – og lidt mere



Dagens ønskede udbytte:

- At du får set løsningsforslag til alle øvelserne
- At du kan clone og pushe til github
- At du får mulighed for at give feedback
 - Sværhedsgrad (øvelser og bogen)
 - Forholdet mellem hands-on og "snak"
- At du får en intro til debuggeren
 - Trafiklys
- At du får set en opbygning af bounce-koden
- At du ved hvad du skal til mandag
- At du igen får set semesterplanen

Opgaverne

- Task 1 - github
- Task 2 - print String
- Task 3 - trafficlight
- Task 4 - loops
- Task 5 - weekdays og metoder
- Task 6 - logic
- Task 7 - decisions

Debuggeren

The screenshot shows the Processing IDE with a Java project named "MyTrafficLight". The code in the left pane is as follows:

```
46 ellipse(x, y+2*circRad, circRad, circRad);
47 fill(myGrey);
48 ellipse(x, y-2*circRad, circRad, circRad);
49 ellipse(x, y, circRad, circRad);
50 } else {
51 // color green
52 ellipse(x, y+2*circRad, circRad, circRad);
53 fill(myGrey);
54 ellipse(x, y-2*circRad, circRad, circRad);
55 }
56 }
57 }
58 }
59
60 void keyPressed() {
61   println("in k");
62   if (key=='r') {
63     red=true;
64     green=false;
65     yellow=false;
66   }
67   if (key=='g') {
68     green=true;
69     red=false;
70     yellow=false;
71   }
72   if (key=='y' && red==true) {
73     green=false;
74     yellow=true;
75   }
76   if (key=='y' && green==true) {
```

The Variables window in the center shows the following variables and their values:

Name	Value
event	instance of processing.e...
x	400
y	300
lH	510
lW	200
circRad	90
space	30
red	false
yellow	true
green	true
myRed	-65536
myYellow	-256
myGreen	-16711936
myBlack	-16777216
myGrey	-8355712
Processing	
width	800
height	600
mouseX	180
mouseY	147
pmouseX	180
pmouseY	147
key	y
keyCode	89
keyPressed	true
focused	false
frameRate	59.69006
frameCount	575

The traffic light visualization on the right shows a vertical black rectangle with three circles. The top circle is red, the middle circle is grey, and the bottom circle is grey. Below the visualization, the code `println ("Failure!");` is visible.