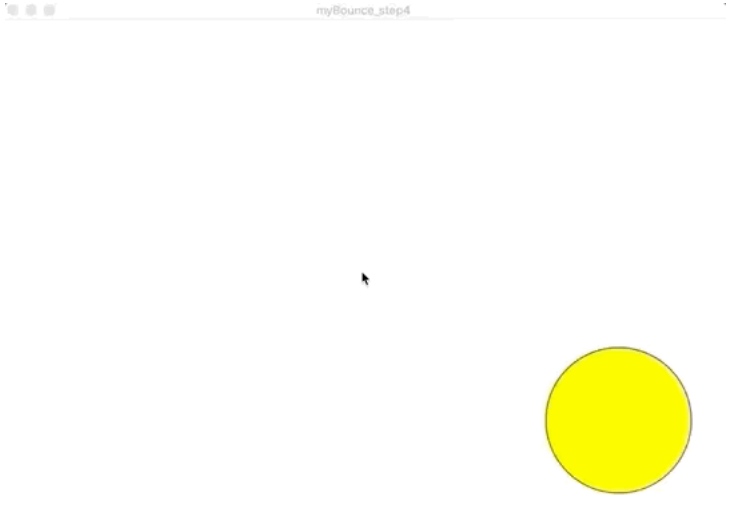
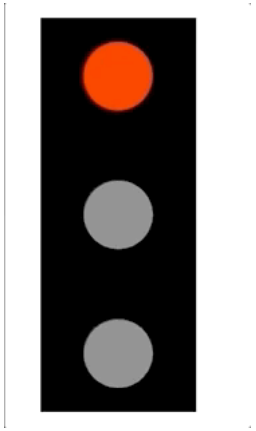
Torsdagens øvelser – og lidt mere





Dagens ønskede udbytte:

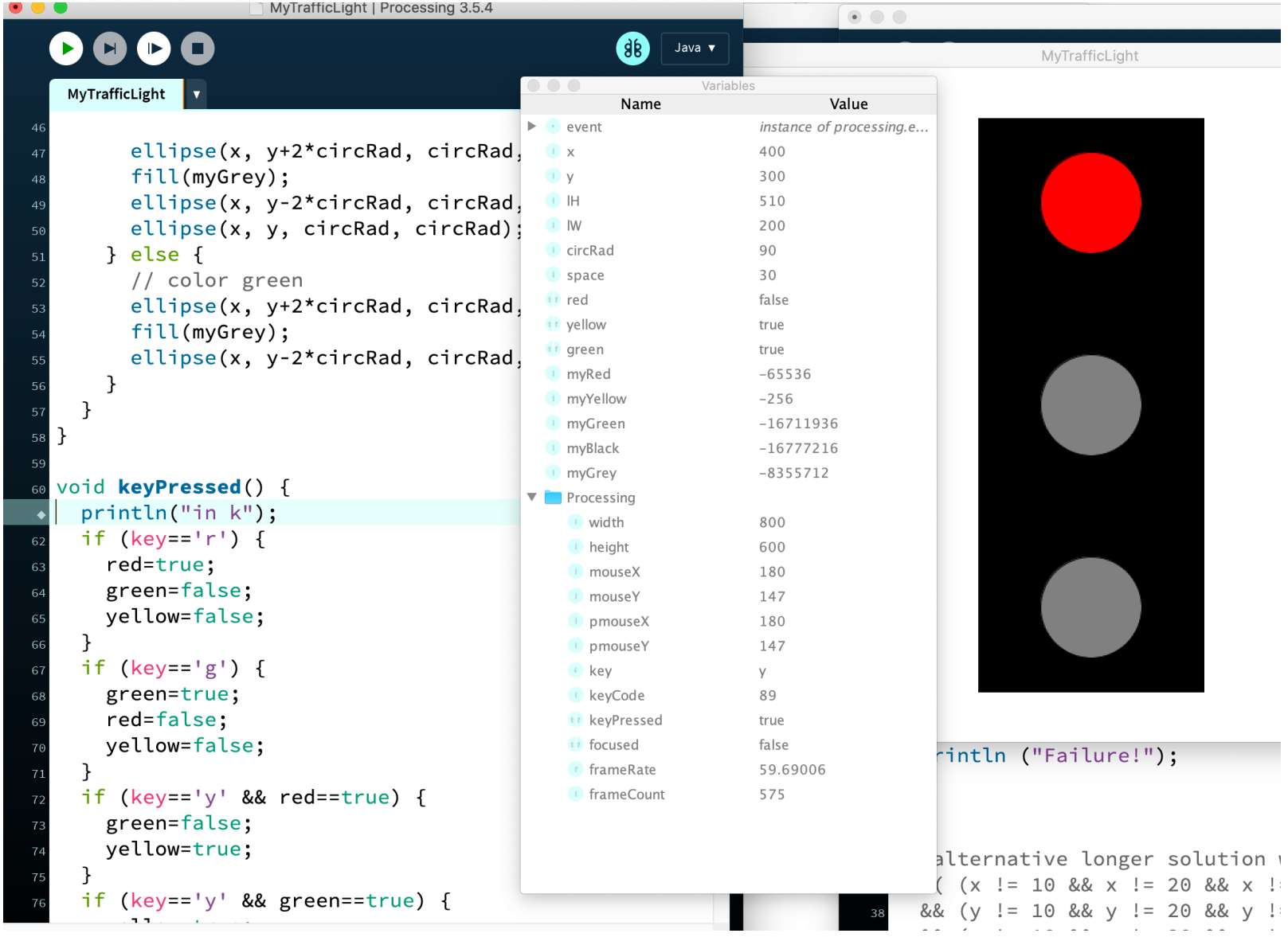
- At du får set løsningsforslag til alle øvelserne
- At du kan clone og pushe til github
- At du får mulighed for at give feedback
  - Sværhedsgrad (øvelser og bogen)
  - Forholdet mellem hands-on og ”snak”

- 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


MyTrafficLight | Processing 3.5.4
Java
MyTrafficLight
Variables
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
MyTrafficLight
ellipse(x, y+2*circRad, circRad,
fill(myGrey);
ellipse(x, y-2*circRad, circRad,
ellipse(x, y, circRad, circRad);
} else {
// color green
ellipse(x, y+2*circRad, circRad,
fill(myGrey);
ellipse(x, y-2*circRad, circRad,
}
}
}
void keyPressed() {
println("in k");
if (key=='r') {
red=true;
green=false;
yellow=false;
}
if (key=='g') {
green=true;
red=false;
yellow=false;
}
if (key=='y' && red==true) {
green=false;
yellow=true;
}
if (key=='y' && green==true) {
println ("Failure!");
alternative longer solution
((x != 10 && x != 20 && x !
&& (y != 10 && y != 20 && y !