

Figure 1: Greenboard

## Greenboard

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February 2019

## 0.1 week 2

TO DO:

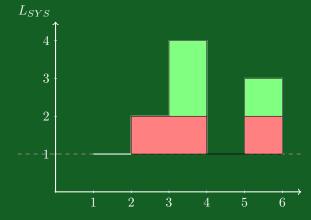
- R course on DATACAMP
- HW 1 code on GITHUB

D.L. 2019-02-06:23:55:

- cumpute CLASS JOBS 2019-02-13-14:30
- upload HW1 (made using R)



 $\Box = [job*time]$ 



$$3)\frac{6}{5} = L_{sys}^{-}[\frac{\square}{time} = \frac{job*time}{time} = job]$$

$$2)\frac{3}{5} = L_q^- [\frac{\square}{time} = job]$$

$$1)\frac{3}{5} = L_{SRV}^{-}[\frac{\Box}{time} = job]$$

$$L_{sys} = L_q + L_{SRV}$$

```
"documentclass-report
"usepackage[utf8]-inputenc
"usepackage-tikz
"usepackage[a4paper,landscape]-geometry
"usepackage-graphicx, latexsym
"usepackage-multicol
"usepackage-amsmath
"usepackage-multicol
"usepackage-libertine
"usepackage-xcolor, pagecolor
"definecolor-dgreen-RGB-20,95,35
"title-Greenboard
"author-Sindija Vītola
"date-February 2019
"begin-document
"pagecolor-dgreen
"maketitle
"newpage
"textcolor-white! 100-
"section-week 2
"begin-multicols-3
"textcolor-white!100-
TO DO:
"begin-itemize
"item R course on DATACAMP
"item HW 1 code on GITHUB
"end-itemize
D.L. 2019-02-06:23:55:
```

```
"begin-itemize
"item cumpute CLASS JOBS
"end-itemize
"noindent
- - - - - - 2019 - 02 - 13 - 14 : 30
"begin-itemize
"item upload HW1 (made using R)
"end-itemize
"begin-tikzpicture
"textcolor-white!100-
"draw [step=1cm, dgreen] (1,1) grid (3,3);
"draw [thick,-\xi] (1.5,1) -- (1.5,3) node[anchor=north west] -L;
"draw [thick, -\frac{1}{6}] (1,1.5) -- (3,1.5) node[anchor=south east] -t;
"end-tikzpicture
"columnbreak
"textcolor-white!100-
"begin-itemize
"item[]"begin-equation
"nonumber
"Box = [job*time]
"end-equation
"end-itemize
"begin-tikzpicture
"textcolor-white!100-
"draw [step=1cm, dgreen] (-1,-0.5) grid (7,5);
"draw [thick,-\xi] (0,0) -- (6.5,0) node[anchor=north west]-;
"draw [thick, -\frac{1}{6}] (0,0) -- (0,4.5) node[anchor=south east]-$L-SYS$;
"foreach "x in -,1,2,3,4,5,6
    "draw("x cm, 1pt) -- ("x cm, -1pt) node[anchor=north] -$"x$;
```

```
"foreach "y in -,1,2,3,4
    "draw (1pt, "y cm) -- (-1pt, "y cm) node[anchor=east] -$"y$;
%"draw [red,thick,;-\dot{\epsilon}] (-0.5,0) -- (-0.5,0.9) node[anchor=west south]-SERVER
%"draw [yellow, thick, ; -;] (-0.5, 1.1) -- (-0.5, 4) node[anchor=west south]-queve
%"draw [blue, thick, ; -\lambda] (-1,0) -- (-1,4)
"draw [thick, gray, dashed] (-1,1) -- (6.5,1);
"draw [thick, white, -] (1,1) -- (2,1) -- (2,2) -- (3,2) -- (3,4) -- (4,4) -- (4,1) -- (5,1) --
(5,3) -- (6,3) -- (6,1);
"filldraw [fill=red!50!white] (2,1) -- (2,2) -- (4,2) -- (4,1) -- (5,1) -- (5,2) -- (6,2) --
(6,1) -- (2,1) -- cycle;
"filldraw [fill=green!50!white] (3,2) -- (3,4) -- (4,4) -- (4,2) -- (3,2) -- cycle;
"filldraw [fill=green!50!white] (5,2) -- (5,3) -- (6,3) -- (6,2) -- (5,2) -- cycle:
"end-tikzpicture
"begin-itemize
"textcolor-white! 100-
"item[]"begin-equation
"nonumber
3) "frac-6-5 = L-sys- ["frac-"Box-time = "frac-job*time-time = job]
"end-equation
"textcolor-white! 100-
"item[]"begin-equation
"nonumber
2) "frac-3-5 = L-q- ["frac-"Box-time = job]
"end-equation
"textcolor-white! 100-
"item[]"begin-equation
"nonumber
1) "frac-3-5 = L-SRV- ["frac-"Box-time = job]
"end-equation
```

"end-itemize

"end-multicols

"newpage

<sup>&</sup>quot;vspace-0.5cm

<sup>&</sup>quot;textcolor-white!100-

<sup>&</sup>quot;item[]"begin-equation "nonumber

<sup>&</sup>quot;boxed-L-sys = L-q + L-SRV "end-equation