Anna Bogachova

1819-108-C1-W5-GreenBoard-Final

February 2019

Week 2 " tw I code on GITMB 2019-02-06: 23:55 . Complete CLALS JOBS

Week 2

- 1. To Do
 - R course on DataCamp
 - HW 1 code on GITHUB
- 2. Deadlines
 - 2019-02-06 23:55
 - conpute CLASS JOBS
- 3. 2019-02-13 14:30
 - Upload HW1 (made using R)



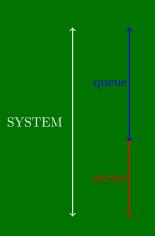
$$\Box = [job*time]$$

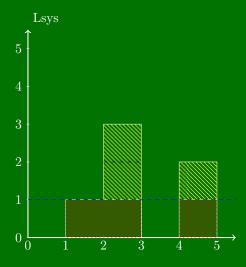
3)
$$\frac{6}{5} = \frac{L\overline{sys}}{time} = \frac{job * time}{time} = job$$

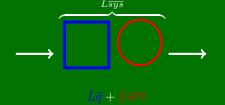
$$2) \ \frac{3}{5} \ = \ L\overline{q} \qquad \qquad [\frac{\square}{time} = job]$$

1)
$$\frac{3}{5} = \frac{L_{STV}}{time} = job$$

$$L\overline{sys} = L\overline{q} + L\overline{srv}$$







```
\documentclass{report}
usepackage [utf8] {inputenc}
usepackage { listings }
 usepackage { xcolor }
 definecolor {bookColor}{cmyk}{0
                                   color { bookColor }
 usepackage[paperheight=150mm, paperwidth=350mm, margin=20mm, heightrounded]{geometry}
 usepackage [colorlinks] { hyperref }
 usepackage { scalerel , amssymb }
\def\mcirc{\mathbin\color{red}\scalebox{4}[4]{\scalerel*{\bigcirc}{j}}}
 def\msquare\{\mathord\color\{blue\}\{\scalebox\{3\}[3]\{\scalerel*\{\Box\}\{\strut\}\}\}\}
\newcommand*\squared[1]{\tikz[baseline=(char.base)]{
\node[shape=rectangle,color=white,draw,inner_sep=7pt] (char) {#1}
; } }
\usepackage{graphicx}
usepackage { amsmath }
 usepackage { lipsum }
 usepackage { amssymb }
 usepackage { multicol }
usepackage { tikz }
```

```
\usepackage { geometry }
\usepackage{graphicx}
\begin { document }
\title {\color{black}{1819-108-C1-W5-GreenBoard-Final}}
 \author{\color{black}{Anna Bogachova}}
\date{\color{black}{February 2019}}
\ maketitle
\ \left| include graphics \left[ width = \left| textwidth \right] \left\{ IMG_0629 \right\} \right|
\usetikzlibrary{patterns}
{%
\setminus begin\{multicols\}\{3\}
   \item Week 2
```

```
\begin{enumerate}
      \item To Do
      \begin{itemize}
      \item R course on DataCamp
      \item HW 1 code on GITHUB
      \end{itemize}
      \item Deadlines
      \begin{itemize}
           \item 2019-02-06 23:55
              \end{itemize}
      \begin{itemize}
       \item conpute CLASS JOBS
         \end{itemize}
    \item 2019-02-13 14:30
      \begin{itemize}
    \item Upload HW1 (made using R)
       \end{itemize}
\end{enumerate}
\begin{tikzpicture}
 \frac{\mathrm{draw}[\,\mathrm{thick}\,,->](\,-0.2\,,0)--(0\,,0)--(2\,,0)\,\mathrm{node}}{\mathrm{[\,anchor=north\,\,west]\{\,t\,\};}}
 \frac{1}{2} \operatorname{draw} [\operatorname{thick}, ->] (0, -0.2) - -(0, 0) - -(0, 1) \operatorname{node} [\operatorname{anchor} = \operatorname{south} \operatorname{east}] \{L\};
\end{tikzpicture}
%&
```

```
\begin{tabular}
   \{|p\{0.1cm\}||p\{0.1cm\}||p\{0.5cm\}||p\{1cm\}||p\{4cm\}|\}
    \mbox{multicolumn } \{5\}\{|c|\}\{\$\backslash square\{\}\}\}=[job*time]\$\}
 \backslash [1 ex]
 \hline\hline
$$3) $$ & $$\frac{6}{5}$$ & $$=$$ &
${\color{blue}L\overline{sys}}$$ &
$$ [\ frac {\ square {}} { time}=
\frac{\int frac \{job*time\}\{time\}=job\}}{\$}
 \ hline
\$$2) \$ & \$ \frac{3}{5} & \$ = \$ & \$ \frac{1}{\text{color}} \| \text{yellow} \| \text{color} \| \text{yellow} \| \text{color} \| \text{yellow} \| \text{color} \| \text{yellow} \|
\ hline
$$1) $$ & $$\frac{3}{5}$$ & $$=$$ & $${\color{red}L\overline{srv}}$$ & $$[\frac{\square{}}{time}=job]$$\\
 \ hline
   \begin{tikzpicture}
   \end{tikzpicture}
   \end{tabular}
 \columnbreak
%\columnbreak
```

```
\raggedleft
\begin{tikzpicture}
  \frac{\mathrm{draw}[\mathrm{thick}, ->](0,0)}{--}(5.5,0)} node \frac{\mathrm{nchor}=\mathrm{north}}{--} west \frac{1}{3};
  \frac{\mathrm{draw}[\mathrm{thick}, ->](0,0)}{\mathrm{draw}[\mathrm{thick}, ->](0,0)} - (0,5.5) \text{ node}[\mathrm{anchor=south west}] \{\mathrm{Lsys}\};
 \foreach \x in \{0, 1, 2, 3, 4, 5\}
              \operatorname{draw}(x \operatorname{cm}, 1\operatorname{pt}) -- (x \operatorname{cm}, 1\operatorname{pt}) \operatorname{node} [\operatorname{anchor=north}] \{\$x\$\};
          \foreach \y in \{0,1,2,3,4,5\}
                   \operatorname{draw}(1 \operatorname{pt}, y \operatorname{cm}) -- (-1 \operatorname{pt}, y \operatorname{cm}) \operatorname{node} [\operatorname{anchor} = \operatorname{ast}] \{\$y\$\};
 \frac{\text{draw} [dashed, blue](0,1) - -(5.5,1)}{}
 \draw[dashed, blue](2,2) - -(3,2);
\operatorname{draw} (1,0) -- (1,1) -- (3,1) -- (3,0) -- (3,0);
 \operatorname{draw}(2.1) - (2.3) - (3.3) - (3.0) - (2.0):
  \operatorname{draw} (4.1) - (4.2) - (5.2) - (5.1) - (5.1):
 \operatorname{draw}(4,0) - (4,1) - (5,1) - (5,0) - (5,0):
  fill [pattern=north east lines, pattern color=red ] (1,0) -- (1,1) -- (3,1) -- (3,0)-- (3,0);
   fill [pattern=north west lines, pattern color=yellow ](2,1) -- (2,3) -- (3,3) -- (3,1)-- (3,1);
   fill [pattern=north west lines, pattern color=yellow] (4,1) -- (4,2) -- (5,2) -- (5,1)-- (5,1);
   (4,0) - (4,1) - (5,1) - (5,0) - (5,0)
     \frac{\text{draw} [dashed, blue](0,1) - (5.5,1)}{}
  \frac{\text{draw}}{\text{draw}} \frac{1}{\text{dashed}} \cdot \text{blue} \frac{1}{2} \cdot (2,2) - -(3,2):
  \operatorname{draw}[\operatorname{thick}, \operatorname{color=blue}, <->] (-2,2) -- (-2,5);
  \frac{1}{2} \frac{1}
 \frac{\text{draw } [\text{color=blue}](-2.5,3.5) \text{ node } \{\text{queue}\};}{}
 \frac{\text{draw } [\text{color}=\text{red}](-2.5,1) \text{ node } \{\text{server}\};}
```

```
\langle draw[thick, <->] (-3.5,0) -- (-3.5,5);
\langle draw(-4.5, 2.5) \text{ node } \{SYSTEM\};
%\draw (0,1) — (2,1) — (2,2) — (3,2) — (3,4) — (4,4) — (4,1) — (5,1) — (5,3) — (5,4) — (6,4) — (6,1) — (7,1);
 \definecolor{green}{rgb}{0, 0.45, 0}
\pagecolor { green }
  \end{tikzpicture}
%\begin{equation}
\hfill \break
\begin{tikzpicture}
\langle \text{draw} [->, \text{ ultra thick}] (2,2) -- (3,2);
\end{tikzpicture}
\overbrace \{\msquare \mcirc \}^{\left\} \left\{ L\overline \{ sys \}\}
\begin{tikzpicture}
\langle \text{draw} [->, \text{ultra thick}] (2,2) -- (3,2);
\end{tikzpicture}
%\end{equation}
 \thispagestyle {empty}
```

```
%\end{tabular}
\end{multicols}
}
\thispagestyle{empty}
\end{document}
```