My First Document

My Name

November 2013

Contents

List of Figures

List of Tables

This is the start of a LaTeXprimer....

1 section

You should divide your document into chapters (if needed), sections and subsections. The following sectioning commands are available for the article class

1.1 subsection

You should divide your document into chapters (if needed), sections and subsections. The following sectioning commands are available for the article class

1.1.1 subsubsection

You should divide your document into chapters (if needed), sections and subsections. The following sectioning commands are available for the article class

paragraph You should divide your document into chapters (if needed), sections and subsections. The following sectioning commands are available for the article class

subparagraph You should divide your document into chapters (if needed), sections and subsections. The following sectioning commands are available for the article class

2 Font Size

tiny words tiny words
scriptsize words scriptsize words
footnotesize words footnotesize words
small words small words
normalsize words normalsize words
large words large words
Large words Large words
LARGE words LARGE words
huge words huge words
Huge words Huge words

words in italics words in italics
words slanted words slanted
WORDS IN SMALLCAPS words in smallcaps
words in bold words in bold
`words in teletype` words in teletype

sans serif words sans serif words
roman words roman words
underlined words underlined words

fire

3 Punctuation section

quotes ”, ’, ‘, “”
doublequoets ”, “”‘

4 Table section

show tables

galaxy	magnitude	redshift
NGC 891	15.5	0.02
M87	14.8	0.01

Table 1: table about planet

galaxy	magnitude	redshift
NGC 891	15.5	0.02
M87	14.8	0.01

Table 2: table about universe

Table 3: a example

Eredivisie 26 maart 2008							
		P	W	D	L	Pts	+/-
1	PSV	30	19	7	4	64	61 - 23
2	Ajax	30	16	9	5	57	79 - 40
... 18	Excelsior	30	6	5	19	23	29 - 67

5 Image section

show image in this section

lorem 10 Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis

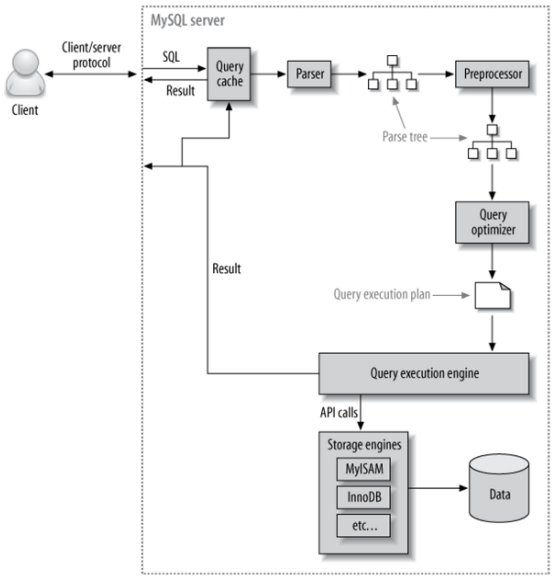

Figure 1: Here is my image

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6 Math section

$$P_{r-j} = \begin{cases} 0 & \text{if } r-j \text{ is odd,} \\ r!\,(-1)^{(r-j)/2} & \text{if } r-j \text{ is even.} \end{cases} \tag{1}$$

$$P_{r-j} = \begin{cases} 0 & \text{if } r-j \text{ is odd,} \\ r!\,(-1)^{(r-j)/2} & \text{if } r-j \text{ is even.} \end{cases} \tag{2}$$

$$firstequation \tag{3}$$

$$\begin{aligned} secondequation \\ ontwolines \end{aligned} \tag{4}$$

$$thirdequation \tag{5}$$

$$g(t) = \left\{ \frac{t+2}{t-3} \right\} \left(\frac{1}{t} \right) \tag{6}$$

$$\begin{aligned} f(x) &= \frac{x^3 - 2x^2 - 11x + 12}{x^2 - 5x + 4} \\ &= \frac{(x-1)(x^2 - x - 12)}{(x-1)(x-4)} \quad Factoring \\ &= \frac{(x-1)(x+3)(x-4)}{(x-1)(x-4)} \quad \text{Factoring} \\ &= x + 3 \end{aligned} \tag{7}$$

$$\begin{aligned} f(x) &= \frac{x^3 - 2x^2 - 11x + 12}{x^2 - 5x + 4} \\ &= \frac{(x-1)(x^2 - x - 12)}{(x-1)(x-4)} \\ &= \frac{(x-1)(x+3)(x-4)}{(x-1)(x-4)} \\ &= x + 3 \end{aligned} \tag{8}$$

1. The first thing goes here.
2. The second thing goes here.

- The first thing goes here.
- The second thing goes here.

$$f(t) = \begin{cases} f_1(t) & x < 10 \\ x^4 - x + 2 & x \geq 10 \\ \frac{5}{t} & \text{otherwise} \end{cases} \tag{9}$$

$$f(x) = \begin{cases} 2x + c\sin(x) & \text{if } x \geq \pi \\ cx^3 - x & \text{if } x < \pi \end{cases} \tag{10}$$

$\mathbb{Z}$
$\mathbb{N}$
$\mathbb{Q}$
$\mathbb{R}$

$\in$
∞
α, β, γ
δ, π
x_i
x^i
$\frac{1}{x}$
$\neq$
$\geq$
$\leq$
$\pm$
$\binom{n}{k}$
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