PRACTICE LATEX

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1.	2 (Greek letters										
		π										
		П										
		lpha										
		ω										
		πr^2										
1.	3 I	Functions										
		y = mx + c										
		$y = \sin^2(x)$										
		$\sqrt[4]{x+1}$										
		$\sqrt{16}$										

1.4 Fractions

$$\frac{2x+3}{\sqrt{5}}$$

$$\arctan x$$

$$\ln 15$$

$$\sqrt{(x_2-x_1)^2+(y_2-y_1)^2}$$

the fraction is $\frac{3}{5}$ which means

$$\left|\frac{a,b,c\in\mathbb{R}}{1+\frac{\sqrt{3}}{7}}\right|$$

1.5 Tables

x	1	2	3	4
f(x)	2	4	8	16

x	1	2	3	4
f(x)	$\frac{1}{x}$	4	8	16

Table 1: values for $f(x) = x^x$

$$5x + 6 = 26 \tag{1}$$

$$5x = 26 - 6 \tag{2}$$

(3)

$$x = 4$$

$$5x = 20$$

2 Day Two

2.1 Lists

- D. Books
- E. Pencils
- F. Pens
- G. Soap
 - 1) Books
 - 2) Pencils

- 3) Pens
- 4) Soap
 - i. Books
 - ii. Pencils
 - iii. Pens
 - iv. Soap
- 5) capial
- H. frista

2.2 formatting

This will produce *italicized* text
This will produce **bold face** text
This will produce SMALL CAPS text
This will produce some code text
Please visit my website joelmwala.techfr

3 Images

```
\documentclass[11px]{article}
\pagestyle{empty}
\usepackage{amsmath, amssymb}
\parindent 0px
\begin{document}
$$E = mc^{2}$$
$$2x^{34}$$
$$2x^{2x+4}$$
$$$42x^{3^{4}+1}}$$
$$$4,20}$$
$$4^{3^5}$$
$$4^{3^5}$$
$$4end{document}
```