

VAN final project report

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1 Latex examples section - delete after

1.1 this is a subsection

sum subsection stuff

this is unnumbered paragrapha, can go anywhere some staff

1.1.1 you can even go 2 levels down

even here! paragraph. you can force line-down with
down!

you can put anywhere in the text some math by using the

doubledollar

or *dollar* sign use inline math

you can also do numbered equations:

$$x = y \tag{1}$$

or un-numbered equations:

$$x = y$$

if you want to stack equations on top of each other, and align them, you can use the "align" and "align*" for unnumbered, and each line will be aligned so that the '&' symbol will be under the first eq.

$$shai = present \tag{2}$$

$$potato = tapud \tag{3}$$

examples for subscript, superscript, fraction, sqrt and integral:

$$a = x^2$$

$$b = x_1^2 + x_{i_1}^{j_2}$$

$$c = a - x_j$$

$$d = \int p(x)xdx$$

$$f = \frac{num}{den}$$

$$s = \sqrt{2}$$

we can add brakets that hold a certain object and size:

$$\begin{bmatrix} 11 & 12 & 13 \\ 21 & 22 & 23 \\ 31 & 32 & 33 \end{bmatrix}$$

or :

$$\begin{pmatrix} 11 & 12 & 13 \\ 21 & 22 & 23 \\ 31 & 32 & 33 \end{pmatrix}$$

Greek letters usually with writing their name: λ with small first letter for lower case, and for upper case use Λ with upper case first letter

this is enough for now, want to learn more go to <https://www.latex-tutorial.com/tutorials/figures/> to continue

2 Introduction and overview

3 Preliminary material and problem formulation

4 Main contribution

5 Implementation

6 Discussion and Conclusions