

love lili

dushishuang

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0.1 this

A reference to this subsection<sup>1</sup> looks like: see section 0.1 on page ii.  
*You can also emphasize text if it is set in italics, in a sans-serif font, or in typewriter style.*

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1. You can mix the list environments to your taste:

\* But it might start to look silly.

- With a dash.
2. Therefore remember:

**Stupid** things will not become smart because they are in a list.

**Smart** things, though, can be presented beautifully in a list.

dushishuang{enumerate}

dushishuang {asdfads}

$a^2 = b^2 + c^2$  comes from ♡

$$\lim_{n \rightarrow \infty} \sum_{k=1}^n \frac{1}{k^2} = \frac{\pi^2}{6}$$

$$\lim_{n \rightarrow \infty} \sum_{k=1}^n \frac{1}{k^2} = \frac{\pi^2}{6}$$
$$\forall x \in \mathbf{R} : \quad x^2 \geq 0 \tag{1}$$

$$x^2 \geq 0 \quad \text{for all s } x \in \mathbf{R}$$
$$\tag{2}$$

$$\lambda, \xi, \pi, \mu, \Phi, \Omega \quad \sqrt{x} \quad \sqrt{x^2 + \sqrt{y}} \quad \sqrt[3]{2}$$
$$\sqrt{[x^2 + y^2]}$$

$$\vec{A} \quad \overrightarrow{AB}$$

$$\lim_{x \rightarrow 0} \frac{\sin x}{x} = 1$$

$$\binom{n}{k} \quad C_n^k$$

$$\int f_N(x) \stackrel{!}{=} 1$$

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<sup>1</sup>dushishuang love it.

$$\sum_{i=1}^n\int_0^{\frac{\pi}{2}}\prod_{\epsilon}$$

$$\sum_{\substack{0\leq i\leq n\\1\leq j\leq m}}P(i,j)=\sum_{\substack{i\in I\\1\leq j\leq m}}Q(i,j)$$

$$1+\left(\frac{1}{1-x^2}\right)^3$$

$$\left((x+1)(x-1)\right)^2$$

$$(((\left(\left.\right\}\right\})\left.\right\})\left.\right\}||| ||| ||| |||$$

$$x_1,\ldots,x_n\qquad x_1+\cdots+x_n\qquad x_1+\cdots+x_n\qquad x_1+\cdots+x_n$$

$$\mathbf{X} = \left(\begin{array}{ccc} x_{11} & x_{12} & \cdots \\ x_{21} & x_{22} & \cdots \\ \vdots & \vdots & \ddots \end{array}\right)$$

$$\left(\frac{1}{3}\middle|\frac{2}{4}\right)$$

$$y=\left\{\begin{array}{ll}a&\text{if }d>c\\b+x&\text{in the morning}\\l&\text{all day long}\end{array}\right.$$

$$\Gamma_{ij}^{\phantom{k}k}\qquad\text{versus}\qquad\Gamma_{ij}^k$$

$$2^{\mathrm{nd}}\quad 2^{\mathrm{nd}}$$