

# A L<sup>A</sup>T<sub>E</sub>X Demonstration

Steven G. Harms with the help of the Internet

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When in the Course of human events it becomes necessary for one people to dissolve the political bands which have connected them with another and to assume among the powers of the earth, the separate and equal station to which the Laws of Nature and of Nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.

$$\frac{(x+2)^2 \cdot (x-2)^{-3\rho l a r r y}}{x^2+3b+c}$$

We the People of the United States, in Order to form a more perfect Union, establish Justice, insure domestic Tranquility, provide for the common defence, promote the general Welfare, and secure the Blessings of Liberty to ourselves and our Posterity, do ordain and establish this Constitution for the United States of America.

say something	“reggae reggae”	say something	“rasta rasta”
$ax^2 + bx + c$	$\frac{ax^2+bx+c}{(x+3)}$	$\frac{ax^2+bx+c}{(x+3)}$	$\frac{ax^2+bx+c}{(x+3)}$
1. $ax^2 + bx + c$	2. $\frac{ax^2+bx+c}{(x+3)}$	3. $\frac{ax^2+bx+c}{(x+3)}$	4. $\frac{ax^2+bx+c}{(x+3)}$

Now we will see if we can put an outline together

- A. This is the first item in my list.
  - a. This is the first item in my sub-list.
    - i. this is another mysterious bit
      - A. past this point things get a bit silly
      - B. yes, very silly indeed!
    - ii. this is yet another mysterious bit
  - b. Here is another sub-list item.
- B. Now I am on to the second item.
  - a. this is another mysterious bit
  - b. this is yet another mysterious bit
- C. Here is the third and final item in my list.

Lastly we might want a table

zijn	ik ben jij bent hij/zij is	wij zijn gij zijn zij zijn
zijn	was / waren	geweest

Dutch

zijn	ik ben jij bent hij/zij is	wij zijn gij zijn zij zijn
zijn	was / waren	geweest

$n$	$n!$
1	1
2	2
3	6
4	24
5	120
6	720
7	5040
8	40320
9	362880
10	3628800

How about some foreign characters?

ó ò ô ö õ ö ö ö ã õ ç ç ò  
ijœEæÆâÂÅøØLßj j †‡§¶©£

What happens if we change margins and fill in some Lorem Ipsum....?