

This is a simple L<sup>A</sup>T<sub>E</sub>X document  
this makes a new line  
if you type out a long sentence, latex will automatically create a new  
line for you. Also a single \n will not do much. Two create a new line.  
this dude \\ will also create a new  
line  
if you wanna write math make sure to add \$ around it  $(x + 1)$   
two \$\$ around some math will put you in new line math mode like this

$$(x + 1)$$