

































Subtract @ to Compare with Capital A Remember the ASCII table?					
x00x40x41x5Ax5Bx60x61x7Ax7Bx7FNUL@AZ[`````````````````````````````````					
We store the difference (original character minus '@') back in R2 , so A through Z become 1 through 26.					
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Go to the End of	the Loop	
COUNTLOOP LDR R2,R1,#0 BRz DONE ADD R2,R2,R3 BBp AT LEAST A	We are done counting this character.	
NON_ALPHA LDR R6,R0,#0 ADD R6,R6,#1 STR R6,R0,#0 BRnzp GET_NEXT	Branch (always) to the end of our loop (make up a name for it!).	
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Our Work Here	is Done!	
T	hat's it!	
Unless you to binary by	want to convert it hand, of course	
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