

## hack.carleton

### sCTF.io 2016 Q1 // When in Rome (10 points)

[Capture the Flag, sCTF.io](#) by 234

When we first looked at this, we recognized it as a Caesar Shift problem. The title of the challenge also hinted at the type of cipher. Here is the original encrypted text;

Nvctfdv kf jTKW! Nv yfgv pfl veafp kyv gifscvdj nv yrmv nizkkve wfi kyv  
wzijk hlrikvi fw 2016. Yviv zj pfli wzijk fw (yfgvwlccp) drep wcrxj!  
jtkw{ny3e\_1e\_tkw\_u0\_r5\_tkw3i5\_u0}

There are many great resources out there to do the shift for you, but I used this site;

<http://www.richkni.co.uk/php/crypta/letreplace.php>

We inputted the text into the decoder, and got;

WELCO ME TO SCTF ! WE HOPE YOU E NJOY THE P ROBLE MS WE HAVE  
WRIT TEN F OR TH E FIR ST QU ARTER OF 2 016. HERE IS YO UR FI RST O F  
(HO PEFUL LY) M ANY F LAGS! SCTF {WH3N \_1N\_C TF\_Do \_A5\_C TF3R5  
\_Do}

Which was the 9th shift. From this we got and submitted the flag;

sctf{wh3n\_1n\_ctf\_do\_a5\_ctf3r5\_do}

And got 10 points.

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