

GREEK CIPHER:

<https://platform.lac.tf/challs>

For this crypto challenge we are given a cipher containing only greek letters. Our main hint is that the name of this cipher is the 'monoalphagreek' cipher, which is closely reminiscent of monoalphabetic ciphers which just map characters from one to another.

The cipher initially looked like this:

κςκ ωπνv αζπλ ιησι χνοςvθ μσγθσρ λσθ ζπι ιηγ δςρθι ψγρθπζ ζζ ηςθιπρω θvθψγγμικ πδ vθςζε
γζμρωψιςπζ? τυ ζγςιηγρ. κςκ ωπνv αζπλ ιησι χνοςvθ μσγθσρ λσθ ψρπξςξωv δονγζι ζζ εργγα? τυ
ζγςιηγρ. ζ οςαγ ηπλ εργγα μησρςμιγρ σππα ιηπνεη, γυγζ ζδ ζ μςζ'ι ργςκ ιηγτ.
Οςμιδ{ζ_ενγθθ_vθςζε_τσζω_εργγα_μηςρςμιγρθ_κςκζ'ι_θιπψ_ωπνv._λγoo_ψοσωγκ_ς_τvθι_θσω
.μπζερσιθ!}

We can clearly see which part of the code is meant to be the flag since its surrounded by the {}. This gives us our starting clue as we know that the flag prefix for this ctf is 'lactf', meaning we already have 5 characters that we can remap. As we remapped characters to latin alphabet, we could gradually make out more words as it went along, however we had to change some characters to make them fit english words as some characters mapping didn't make sense for all words. Doing this in VSCode made it much faster as it was straightforward to select a character and just replace all. After replacing many of the characters we were able to deduce the final flag to be:

1. lactf{i_guess_using_many_greek_characters_didn't_stop_you._well_played_i_must_say.congrats!}