

# AUCTF 2020

## Cryptography : I'll Have The Salad

**Description :** Bob and Alice love to go to the local farmer's market to get their groceries. You could call them regulars. They know the farmers so well that they've started sharing secret messages with them. Here's one of the messages they wrote to one lettuce farmer.

**Attachment :** vpxoa{eP5o\_4\_R4mH\_pK\_1\_4421\_9952}

### Solutions :

Looking at the cipher and the challenges name "Salad", I looked for Caesar cipher, like the "Caesar Salad".

Using a Caesar cipher decoder using the shift "21" and it decode the flag.

|                            |        |   |                                   |   |
|----------------------------|--------|---|-----------------------------------|---|
| ENCODE                     | DECODE | : | VIEW                              | : |
| Caesar cipher ▼            |        | + | Plaintext ▼                       |   |
| SHIFT                      |        |   |                                   |   |
| —                          | 21 a→v | + | auctf{jU5t_4_W4rM_uP_1_4421_9952} |   |
| ALPHABET                   |        |   |                                   |   |
| abcdefghijklmnopqrstuvwxyz |        |   |                                   |   |

**Flag :** auctf{jU5t\_4\_W4rM\_uP\_1\_4421\_9952}