

Rust fixme 2

```
use xor_cryptor::XORCryptor;

fn decrypt(encrypted_buffer: Vec<u8>, borrowed_string: &mut String){ // How do we pass va

    // Key for decryption
    let key = String::from("CSUCKS");

    // Editing our borrowed value
    borrowed_string.push_str("PARTY FOUL! Here is your flag: ");

    // Create decryption object
    let res = XORCryptor::new(&key);
    if res.is_err() {
        return; // How do we return in rust?
    }
    let xrc = res.unwrap();

    // Decrypt flag and print it out
    let decrypted_buffer = xrc.decrypt_vec(encrypted_buffer);
    borrowed_string.push_str(&String::from_utf8_lossy(&decrypted_buffer));
    println!("{}", borrowed_string);
}

► Run | ⌘ Debug
fn main() {
    // Encrypted flag values
    let hex_values: [&'static str; 32] = ["41", "30", "20", "63", "4a", "45", "54", "76"

    // Convert the hexadecimal strings to bytes and collect them into a vector
    let encrypted_buffer: Vec<u8> = hex_values.iter()
        .map(|&hex| u8::from_str_radix(hex, 16).unwrap())
        .collect();

    let mut party_foul = String::from("Using memory unsafe languages is a: "); // Is thi
    decrypt(encrypted_buffer, borrowed_string: &mut party_foul); // Is this the correct
```

Command :

cargo run

THE FLAG : picoCTF{4r3_y0u_h4v1n5_fun_y31?}

~Z4que