## TASK 4

Name: Sami Imran

Roll No: 033

So this luhn function is like a way to check if a credit card number is real or fake, kinda. First, it removes any spaces from the number so it's just one long string. Then, it flips the number backward and turns each digit into an actual number instead of text. After that, every second number in the list gets doubled, but if doubling makes it bigger than 9, it just subtracts 9 from it (not sure why, but that's how the Luhn thing works). At the end, it adds up all the numbers, and if the total can be divided by 10 with no leftovers, the card is legit. The problem here is that the function is named luhn, but when checking the card, it calls luhn\_check, which doesn't even exist, so this code won't even run right.