Lab 4

How to verify if a number is a possible credit card number?

In order to verify the check digit is correct, verify the following steps:

- Supose the following number="5105105105105100".
- Convert the number into a list
- Reverse the List
- Starting from the left digit, double every second digit.
- If double of a digit is more than 9, add the digits.
- Sum all the numbers except the first one multiply by 9 and remove the unit

In [ ]: `#Start by converting the number into a list`

In [ ]: `#convert a number into a list`

In [ ]: `#Convert stings into integers`

In [ ]: `# Starting from the left digit, double every second digit.`

In [ ]: `# If double of a digit is more then 9, add the digits.`

In [ ]: `# Sum all the numbers except the first one`

In [ ]: `# multiply by 9 and remove the unit`

If the last number of variable numer is the same you reached, the check digit of the credit card is correct