

IT1113 - Practical
Assignment - 01
Write Batch Files to following tasks.

❖ Task 1

- Take a number as input from the user
- Call the functions and print output
- Function to print sum by adding 10 to the input number.
- Function to check whether the input is odd or even.
- Function to find the Square of the input.
- Function to find the factorial of the input.

❖ Task 2

- Ask to choose what the user need to know:
 - Birth Year
 - Gender
- If Birth year
 - Goto function input and take NIC No.
 - Goto function Birth Year and print the outputs (send the NIC as Parameter).
 - exit
- If Gender
 - Goto function input and take NIC No.
 - Goto function Gender and print the outputs (send the NIC as Parameter).
 - Exit
- Function to input NIC
 - Ask to input the 9-digit number without V.
- Function to get Birth Year
 - First 2-digits with 19.
- Function to get gender
 - You can find this using last 3-digits of NIC number.
 - If it is greater than 500, gender is Female otherwise Male.

❖ Task 3

- Write a procedure to find the birth year and the gender from New National Identity Card Numbers. (Just make a word document how you are going to manage this task)

(Task 2 hint 1: In old type you can make alone first 2-digits by dividing the NIC from 10000000.)

(Task 2 hint 2: To get the last 3-digits, divide the NIC from 1000, then multiply the result by 1000, subtract result from the NIC)