

### TP3

- 1- Write a C program to read 10 numbers from the keyboard and display their sum and average.
- 2- Write a C program to read 5 numbers from the keyboard and display their minimum and maximum.
- 3- Write a C program that finds the sum of the series below with x and n as integer.

$$1 + \frac{x}{1!} + \frac{x^2}{2!} + \frac{x^3}{3!} + \dots + \frac{x^n}{n!}$$

- 4- Write a C program to print Floyd's triangle:

```
1
01
101
0101
10101
```

- 5- Write a C program to create a pattern like a pyramid with numbers incremented by 1. The pattern is as follows :

```
1
2 3
4 5 6
7 8 9 10
```