

## PROBLEMS TO BE DONE TODAY

### Using for statement

1. Print the Arithmetic progression starting from 'a' and with a difference of 'd'
2. Compute the geometric progression starting from 'a' with a ratio 'r'
3. Write a program to print the Fibonacci series

### Using While

4. Write a program to compute the sum of multiples of 3 upto 'n'  
(Example : for  $n = 10$  the sum =  $3 + 6 + 9 = 18$ )
5. Write a program to compute the sum of multiples of 3 or 5 upto 'n'  
(Example : for  $n = 10$  the sum =  $3 + 5 + 6 + 9 + 10 = 33$ )

### Using if

6. Find maximum of an array of elements

### Exercises

7. Write the program for 5 using 'modulo' function in Scilab
8. Find the sum of numbers in an Arithmetic progression
9. Find the number of numbers in Geometric progression such that the sum is  $< n$