

# واجبات اليوم الثاني

## الواجب الاول

Follow these steps:

- Create a new file called factorial.java
- Write a program that determines the factorial of a number entered by a user.
- Prompt the user to enter a positive integer.
- Then calculate the factorial of the given number. For any positive integer n, its factorial is given by:
  - factorial = 123...\*n
- Finally, print out the factorial.

## الواجب الثاني

Write a Java program to check if a positive number is a palindrome or not.

## الواجب الثالث

### **Vowels in the word**

- pass a name to the function that return the count of vowels in that name
- print the result

### **Max**

- Define method called max(). This method takes two parameters num1 and num2 and returns the maximum between the two

### **swap void method**

- create void method that will be passed two parameters and swapping thier values
- print the result after and before swapping