

تمارين اليوم الثاني

التمرين 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.

التمرين الثاني

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

التمرين الثالث

Follow these steps:

- Create a method that takes an integer array argument and removes all duplicates from the array.
- Test your method by calling it from the class main method with an array argument comprising the following elements:
20,100,10,80,70,1,0,-1,2,10,15,300,7,6,2,18,19,21,9,0.
- Print the array before and after calling the method.
- Compile, save and run your file.