

Programming in Java - Final Exam

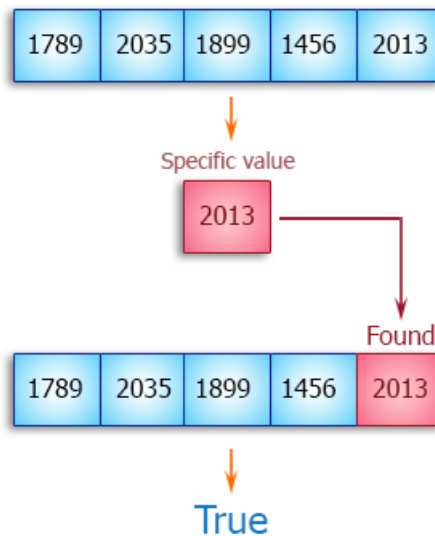
- 1) Write a Java program to check whether a password is valid or not. A valid password should contain an uppercase letter, lower case letter, and digit. **(15%)**

Example:

Please input a password: **Vanier1**

The password is **valid!**

- 2) Write a Java program to test if an array contains a specific value. You should read the elements of the array and the specific element from the user. Please check the image below for a sample array: **(10%)**



3) Write a Java program that prints the following shape based on the number of rows: **(15%)**

Example:

Enter number of rows: 5

1

2 3

4 5 6

7 8 9 10

11 12 13 14 15

Blue highlight => user input

Grey highlight => generated by the program