Practice program: Number play

Kevin is trying to solve a number puzzle. If the number is greater than fifty, he wants the difference between the digits of the number; otherwise, if the number is less than or equal to fifty, he wants to reverse the number and find the difference in digits. Help Kevin to solve the problem using a Java program.

Requirements:

- The input number should be a two-digit integer, or else display "**Invalid number**".

Note:

- In the Sample Input / Output provided, the highlighted text in bold corresponds to the input given by the user, and the rest of the text represents the output.
- Ensure to follow the object-oriented specifications provided in the question description.
- Ensure to provide the names for classes, attributes, and methods as specified in the question description.
- Adhere to the code template, if provided.
- **Please do not use System.exit(0) to terminate the program.**

Sample Input/Output 1:

Enter the number

56

-1

Explanation:

56 is greater than 50, so subtract 5 - 6 = -1

Sample Input/Output 2:

Enter the number

48

4

Explanation:

48 is less than 50, so reverse 48 to 84 then subtract 8 - 4 = 4

Sample Input/Output 3:

Enter the number

9

Invalid number