Course
JavaScript Programming Language and jQuery

Module 1

TOPIC: INTRODUCTION TO JAVASCRIPT

Task

In order to request data from the user, use `prompt()`, and print the result using `alert()`.

1. Ask the user for their name and print "Hello, their name!" in response.
2. Ask the user for the year of their birth, calculate how old they are and display the result. Specify the current year as a constant in the code.
3. Ask the user for the length of the square side and output the perimeter of that square.
4. Ask the user for the circle radius and output the area of such circle.
5. Ask the user for distance in km between two cities and in how many hours they want to get there. Calculate the required speed to do it on time.
6. Implement a currency converter. The user enters dollars, and the program converts them into euros. Keep the currency rate in constant.
7. User specifies the amount of flash drive in GB. The program should count how many files of 820MB this USB flash drive can store.

8. The user enters amount of money in their wallet and the price of one chocolate bar. The program shows how many chocolate bars a user can buy and how much change they will have.

9. Ask the user for a three-digit number and print it backwards. To solve the problem, you need the `%` operator (the remainder of the division).

10. Ask the user for an integer and print an even number in response. In the task, use logical operators. You don't need to use `if` or `switch`.