Front end development: Maps

JavaScript – Maps vs Objects performance

The following exercise contains the following subjects:
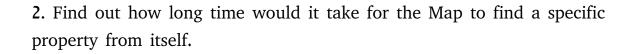
◆ Maps

◆ loops

Instructions

Lets investigate who is performant, Maps or Objects!

Setup:

1. Create an empty Object and assign it to a variable.

2. Create an empty Map and assign it to a variable.

3. Create an array of 10 value string names.

4. Iterate over them with a simple for loop.

5. Inside the loop assign the counter variable from the for loop as a key and value to the empty Object.

6. Inside the loop assign the counter variable from the for loop as a key and value to the empty Map.

Let us check who is more performant:

1. Find out how long time would it take for the Object to find a specific property from itself.

2. Find out how long time would it take for the Map to find a specific property from itself.

Hint:

use console.time and console.timeend to find out the times.

https://developer.mozilla.org/en-US/docs/Web/API/Console/time

Submit the file to Hive.