CMSE514 - Web Technologies and Services

JavaScript Assignment

Create an HTML file and add the following JavaScript functionalities to your HTML file.

a) A program to find all prime numbers between two numbers
   - ❖ Hint: Get input using *prompt* and convert inputs to integer using *parseInt().*

b) A program to find if a string is palindrome or not
   - ❖ Hint: you may use the following in-built functions to reverse a string

   VAR.split('').reverse().join('');

c) Add two buttons to the program, one for (a) and one for (b). The program will carry out the functionalities in (a) or (b) when the corresponding button is pressed.
   - ❖ Hint: You will need onclick function for the button

d) Prompt user to enter a name at the beginning and display them as shown below

Your HTML should look like the following:

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Welcome "User name"!

    ┌─────────────────┐
    │ Prime Numbers │
    └─────────────────┘

    ┌─────────────────┐
    │   Palindrome   │
    └─────────────────┘