

Coding 06: Arrays

Description: In this assignment you will write a program that calculates from an array and display the array.

Background: Read chapter 09 in the text.

Specifications

- Follow the **Specific Assignment Instructions** at the bottom of the [GitHub Classroom page](#) using this assignment specific link <https://classroom.github.com/a/wOCboLZx>
- After you have completed the **Specific Assignment Instructions** you should be in this state:
 - You have a repo on GitHub set-up with the starter file(s).
 - You have a local project directory set-up with the starter file(s) from GitHub.
 - Your local and remote version control are connected and you are ready to work.
- The **.gitignore** is made for you, you should not need to modify it but do so if you need to.
- Write your whole program in **main.js** where indicated in the comments.
- The function stubs are given to you. Add your code where indicated in the starter file. Do not add or subtract functions, use the ones as given.
- All variables must use **var** or **let** to be declared (**let** is preferred).
- Your program should work EXACTLY as the examples below and as demonstrated in class.

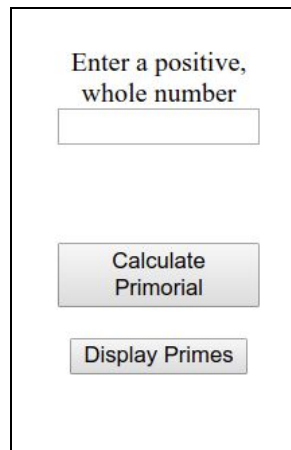
Testing: Press the button over and over with different values in the text box and make sure every case is well tested. You have to cover every possible test case. Make sure your math is correct. Incorrect math or uncovered test cases is an automatic 0.

Grading: You will be graded on your adherence to specifications, the technical correctness of your code, and the correctness of your repo.

Submission: Using the Write Submission feature on Blackboard copy paste your GitHub repo URL into the text area and submit.

Examples

How your page should look on loading.

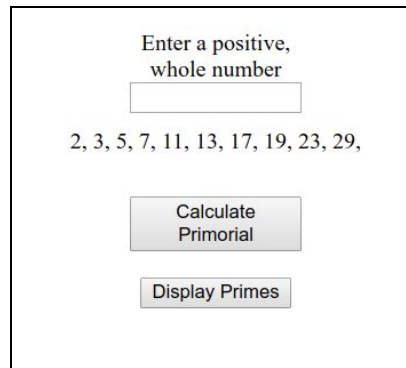


Enter a positive, whole number

Calculate Primorial

Display Primes

If the Display Primes button is pressed.



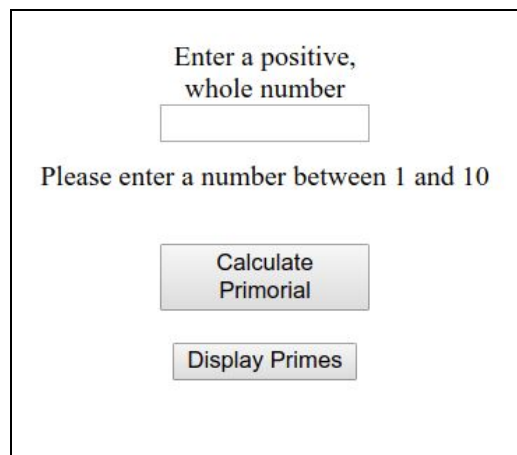
Enter a positive,
whole number

2, 3, 5, 7, 11, 13, 17, 19, 23, 29,

Calculate
Primorial

Display Primes

If Calculate Primes is pressed with an empty text box.



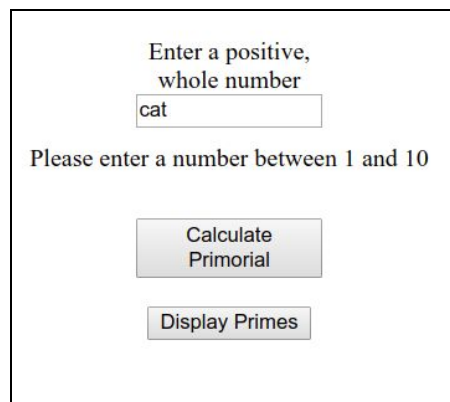
Enter a positive,
whole number

Please enter a number between 1 and 10

Calculate
Primorial

Display Primes

If ANYTHING but a whole, positive integer between 1 and 10 is entered.
This includes floats, text, negative numbers, etc. Make sure you try everything.
Try -1, 11, 0, cat, 1a, and anything else you can think of.



Enter a positive,
whole number

Please enter a number between 1 and 10

Calculate
Primorial

Display Primes

Valid entry.

Enter a positive,
whole number

3

The Primorial is: 30

The average is: 10

Calculate
Primorial

Display Primes