



1. Write an executable php script that does the following: Cycle through the numbers 3 through 103. When the current number can be evenly divided by 3, display the word “three”. When the current number can be evenly divided by 5, display the word “five”. When the current number can be divided evenly by both 3 and 5, display the words “both three and five”. If the current number isn’t divisible by either, output the number itself. Each output should be on its own line.
2. Write a Postres SQL query that takes the data from 2 tables and outputs “user’s name”, “user’s id” and “user’s client name”. The tables are named “users” and “clients”. “users” contains the columns id, name, password, username, client_id as columns. clients contains id, name, address, city, state, zip_code. Each column of the output should be properly labeled as indicated in the initial request.
3. Now, take your output from question 2. Assume that there are multiple users per client. Display the “number of users” and “client name” for each client.
4. Explain how you would make a copy of our production codebase so that you can begin developing a new feature from a project plan and how you would share your work with the world as production software. Please use exact commands for starting your work, preparing for review, and getting it deployed.
5. Your job is to show a list of numbers 1 - 10. If you wanted to put these names in span tags, how would you write this in Vue (preferred) / react / similar?
6. In Javascript and html5, write a simple web form that has a text field that is labeled “new button text” button that says “Click Me”. When you click the button, it should change the button’s internal text to say whatever was in the text input above.
7. Using your form from question 6, Create CSS to change the look of your form utilizing our corporate colors. This stylesheet must include reference to . and #. Share the new form and style sheet.