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IDCE 30262: Web Mapping and Open-Source GIS

Professor Korde

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**Lab 4: JavaScript (Part I)**

1. Questions and Answer:

Q1. What happened when you defined the variable message using “let”, andhow is it different from when you do not define the variable using“let”?

Similar to var, let is used in JavaScript to declare varibles. But unlike var, which is function scoped, let is block scoped. When we declare something

Q2. What happened when you removed the code,“document.write(welcome());” and why did it happen?

When I removed the document.write(welcome());

It removed the duplicate welcome heading on the top of the page. Since in our welcome function we already made place for a message and the return message, there is already an output for our code. This is why there is a duplicate when we call it again using the document.write.

Q3. How could you make text from the same “external.js” file appear indifferent places on your webpage?

In order to make the text from the external.js appear, we need to add <script> tags and then call the function. For example, if we had defined our

function AreaCalculator() {

x };

we can call it by writing <script> AreaCalculator() </script>

1. Link to GitHub Page:

https://aandishah.github.io/

1. *Codecademy:*

Graphical user interface, text, application

Description automatically generated