1) List and explain the JavaScript methods that enable us to select elements from the DOM

We can select elements based on their ID and manipulate its value, style and displaying properties, you can also select elements from their ID or their class name the only difference is that the ID is more unique for its element whereas the class is more common. There is also a Tag name which can directly access HTML elements i.e(h1,h2,p). Finally we have the CSS Selectors you can pass anything as a parameter regardless of class, tag or id.

Other Document object methods which don't select elements:append:- used to append node and DOM Strings in the document.
appendChild:- used to append only nodes.
charset:-used to change the character set of the document.
createAttribute.
createElement.
onclick,onload,oncancel etc.
write.
bgcolor.

2) What is the document object? What are some other methods available on the document object that don't select elements from the DOM?

Is a programming interface for web docs. It shows the page so that programs can change the document structure, style and content. A web page is a doc that can be displayed in HTML or as a browser window but documentation object model allows it to be manipulated.

https://developer.mozilla.org/en-US/docs/Web/API/Document\_Object\_Model/Introduction

https://www.freecodecamp.org/news/dom-explained-everything-you-need-to-know-about-the-document-object-model/