jQuery Quiz I

1. In jQuery terminology, what is the difference between the "jQuery function" and the "jQuery object"?

jQuery function is used to select elements from HTML page to manipulate. It can handle selectors, straight HTML, and even javascript objects.

jQuery object is variables and functions that are combined into a single structure. It is also used as a return values for functions.
Creating jQuery object:
var log = $("#log");

Return type of function is jQuery object:
$("#myid").addClass("special");

2. Write jQuery code to find all h1 elements that are children of a div element and make their background color red.
Sample HTML:

```
<body>
<h1>abc</h1><br>
<div>
        <h1>div-1</h1>
        <h1>div-2</h1>
 </div>
 <h1>xyz</h1>
</body>
```

Solutions:
```
$(document).ready(function () {
        $("div h1").css("background-color", "red");
});
```

3. Use a jQuery method to insert the text "YES!" at the end of the <p> element.

```
<!DOCTYPE html>
<html>
<head>
        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
        <script>
                $(document).ready(function () {
                        $("p").append("YES!");
                });
        </script>
</head>
<body>
        <p>Is jQuery FUN or what? </p>
</body>
</html>
```