Assignment - ES6

(This is a minor assignment and submission is not required. Will release solution next week so that you can self- evaluate)

Challenge 1:Block and Function Scope
Steps:
- Open VS code.
- Select New File in the opened folder…
- Save the file in the appropriate folder/ create the folder and save the file with extension.
- Copy and Add the below given HTML code in the file.

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>repl.it</title>
    <link href="style.css" rel="stylesheet" type="text/css" />
  </head>
  <body>
    <script src="script.js"></script>
  </body>
</html>
```
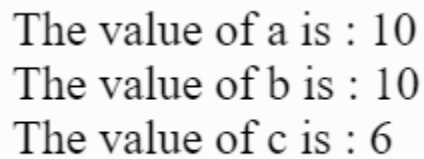
- Copy and Add the below given JS code in the file.

```js
var a=10; // Here value of a is 10
var b=8; // Here value of b is 8
var c=6; // Here value of c is 6
{
  let a = 2;
  // Here value of a is 2 but only within the block
  var b = 10;
  // Here value of b is 10 inside and outside the block it will remain 10
  const c = 8;
  // Here value of c is 8 but only within the block
  // const cannot be reassigned
  // c=5;
}
document.write("The value of a is : " +a);
// let has block scope
document.write("<br>");
```

```
document.write("The value of b is : " +b);
// var does not have block scope
document.write("<br>");
document.write("The value of c is  : " +c);
// const has block scope
```
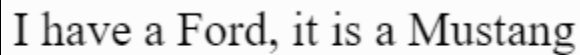
- View the file in the browser, by right click on the file name in the left pane.
- View of file in browser.

The value of a is : 10
The value of b is : 10
The value of c is : 6

Challenge 2: ES6 Class

With your new gained knowledge in ES6 class, create a class with constructor, child class, method, object. Using the object access the method and class.

I have a Ford, it is a Mustang

This is the sample output image, the text given is just for sample