

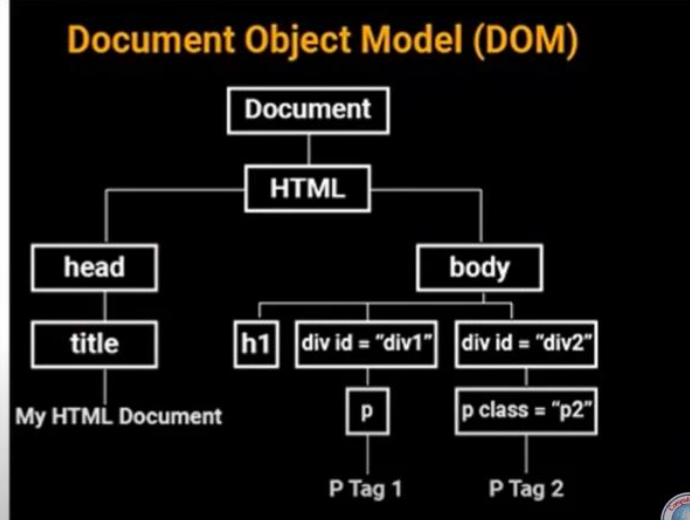
```

<html>
<head>
  <title>My HTML Document</title>
</head>

<body>

  <h1>Heading</h1>
  <div id="div1">
    <p>P Tag 1</p>
  </div>
  <div id="div1">
    <p class="p2">P Tag 2</p>
  </div>
</body>
</html>

```



## DIFFERENCE BETWEEN DOM AND VIRTUAL DOM

- 1) IN NORMAL DOM → IF WE ARE GOING TO UPDATE ANY THING IN CODE HERE **WHOLE DOM TREE IS RENDER AGAIN**
- 2) IN VIRTUAL DOM → IF WE ARE GOING TO UPDATE ANY THING IN CODE HERE ONLY THAT PART WILL GET UPDATED RETHAR THAN WHOLE DOM THIS IS VIRTUAL DOM SO IN REACT WE WILL USE VIRTUAL DOM
- 3) **MORE ABOUT → VIRTUAL DOM →**  
 VIRTUAL DOM WILL STORE THE ORGINAL DOM IN MEMORY IF THERE WILL ANY UPDATION IN CODE A NEW DOM WILL CREATED USING SOME ALGORITHM IT WILL COMPARE BOTH DOM IT WILL REFLECT TO THE BROWER WHERE THE CHANGE SO HERE ONLY THAT PART WILL REDER AGAIN RATHER THAN ALL
- 4) THE PROCESS OF COMPARING OF ORGINAL DOM IN MEMORY AND NEW DOM IS CALLED RECOINCILLATION
- 5) **AND THE ALGORTHIM IS CALLED** Diffi Algorithm