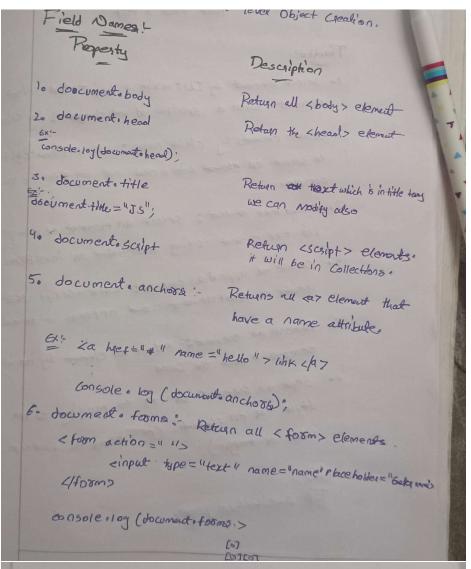
DOM

It is a object model used to manipulate the document and there are two ways to create document object

- 1) Field Names document level object creation
- 2) Methods element level object creation



document images: - Return all cing > elevates

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Which

Console log (document images [o]);

documet unks: - Returns all cases and care elevates

that have a heep.

```
Practice:
 1. select element by ID: write a script that schools an
   clement with a specific lid and changes As by color-
2. Select clements by class name of use get Elements Big Class Name)
   to select an element with a class col log them to the
   console.
3. Change text content: select an element of change
    its text content using text content or imeg HTML
   Create at append an clement: white ascript that
    acades a new relement and appends it to adiv
    Remove an element & - select an element by Ha id al
    semove if from the Dom
  Style an Glenat: Us Is to modify the as
   style - of an Element (eg: - Change the fortsix,
```

//1. Changing bg color var a=document.getElementById("p1"); a. style. background Color = "navy";a.style.color="White"; console.log(a); //2. select elements by class name var b=document.getElementsByClassName("p2"); console.log(b); //3. changing Text var c=document.querySelector("h3"); c.innerHTML="Changed text"; console.log(c); //4. create and append var d1=document.querySelector(".app"); var d=document.createElement("h2"); d.innerText="h2 is created"; d1.appendChild(d); //5. Remove an Element

var e=document.getElementById("id1");

id1.remove();

// 6. Style an element var f=document.getElementsByTagName("h2"); f[0].style.backgroundColor="navy"; f[0].style.color="white";

EXAMPLE: Br Architecture Houses

```
Example:-
let Text = ["boick house", "grey house", "Summer house", "white house
vox mn = do cument. create Element ("div");
 mn es tyle edisplay = "grid".
 mn . Style . glid tempdele Cours = "auto auto auto auto";
 ma style gap = "20px";
 for ( i=0; i28; i++){
      vag · el = document · cacate Elemant ("in");
      val el2 = document. (900le Element ("div");
    Helenet 2
       elz. innos Text = Text[i]
       el2. Style color = "white";
       el2 . Style · background = "black"
       CI) . Style . POLLING = " 30px";
       el2 . style · fontsix = " 30 px";
     Ucknests
    Ell. style: background = "WIL" well
     el. . style : height = 4 . 11 .
    ell . style . with = 1
    eli o style o background Report = "no-gerent";
    elistyle . backgroud sige = "cover".
```

Task:

```
var nav=document.createElement("div");
    nav.style.display="flex";
    nav.style.justifyContent="space-between";
    nav.style.padding="5px";
    nav.style.height="8vh";
    nav.style.width="98vw";
    nav.style.position="relative";
    var nav1=document.createElement("div");
    nav1.style.paddingTop="10px";
    var br=document.createElement("a");
    br.innerText="BR Architecture";
    br.style.fontSize="32px";
    br.style.color="black";
    br.setAttribute("href","#");
    br.style.textDecoration="none";
    nav1.appendChild(br);
    nav.appendChild(nav1);
    var nav2=document.createElement("div");
    nav2.style.paddingRight="20px";
    nav2.style.paddingTop="15px";
    var about1=document.createElement("a");
    about1.innerText="About us";
    about1.style.padding="15px";
    about1.setAttribute("href","#");
    about1.style.color="black";
    about1.style.textDecoration="none";
    about1.style.fontSize="20px";
    nav2.appendChild(about1);
    var menu1=document.createElement("a");
    menul.innerText="Menu";
    menu1.style.padding="15px";
    menul.setAttribute("href","#");
    menu1.style.textDecoration="none";
    menu1.style.color="black";
    menu1.style.fontSize="20px";
    nav2.appendChild(menu1);
    var contact1=document.createElement("a");
    contact1.innerText="Contact Us";
    contact1.style.padding="15px";
    contact1.setAttribute("href","#");
    contact1.style.textDecoration="none";
    contact1.style.color="black";
    contact1.style.fontSize="20px";
    nav2.appendChild(contact1);
    nav.appendChild(nav2);
    document.body.appendChild(nav);
    console.log(nav);
    //home section
    var homee=document.createElement("div");
```

```
var home=document.createElement("div");
                   home.style.background='url("architect.jpg")';
                   home.style.backgroundRepeat="no-repeat";
                   home.style.backgroundSize="cover";
                   home.style.height="95vh";
                   home.style.width="98.8vw";
                   homee.appendChild(home);
                   document.body.appendChild(homee);
                   // Houses
                   let text=["Summer House","Brick House","Renovated House","Barn House","Brick House","Summer House","Barn
House", "Renovated House"];
img=["https://www.w3schools.com/w3images/house5.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3schools.com/w3images/house2.jpg","https://www.w3images/house2.jpg", https://www.w3images/house2.jpg", https://www.w3im
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ouse2.jpg","https://www.w3schools.com/w3images/house5.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg","https://www.w3schools.com/w3images/house4.jpg", https://www.w3schools.com/w3images/house4.jpg", https://www.w3schools.com/w3images/house4.jpg", https://www.w3schools.com/w3images/house4.jpg", https://www.w3schools.com/w3images/house4.jpg", https://www.w3images/house4.jpg", https://www.waitages/house4.jpg", https://www.waitages/house4.jpg", https://www.waitages/house4.jpg", http
.w3schools.com/w3images/house3.jpg"];
                   var hs=document.createElement("div");
                   hs.style.height="100vh";
                   hs.style.width="98px";
                   var h1=document.createElement("h1");
                   h1.innerText="Projects";
                   h1.style.color="black";
                   h1.style.fontSize="38px";
                   h1.style.padding="50px 10px 60px 20px";
                   hs.appendChild(h1);
                   var houses=document.createElement("div");
                   houses.style.display="grid";
                   houses.style.gridTemplateColumns="auto auto auto auto";
                   houses.style.justifyContent= "space-around";
                   houses.style.paddingLeft="45px";
                   houses.style.gap="35px";
                   for(var i=0; i<8; i++){
                              var hs1=document.createElement("div");
                              var hs2=document.createElement("div");
                             // element-2
                             hs1.innerHTML=text[i];
                             hs1.style.color="white";
                             hs1.style.background="black";
                             hs1.style.width="45%";
                              hs1.style.padding="10px";
                             hs1.style.fontSize="16px";
                             //element-1
                             hs2.style.background='url(${img[i]})';
                             hs2.style.height="220px";
                             hs2.style.width="325px";
                             hs2.style.backgroundRepeat="no-repeat";
                             hs2.style.backgroundSize="cover";
                             hs2.appendChild(hs1);
```

houses.appendChild(hs2); hs.appendChild(houses); document.body.appendChild(hs);

OUTPUT:

