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WEB-DEVELOPMENT

AJAX-API

Theory: -

- What is AJAX

Ajax is a set of web development techniques that uses various web technologies on the client-side to create asynchronous web applications. With Ajax, web applications can send and retrieve data from a server asynchronously without interfering with the display and behaviour of the existing page.

AJAX is a developer's dream, because you can:

- Read data from a web server - after a web page has loaded
- Update a web page without reloading the page
- Send data to a web server - in the background

Source Code: -

API – HTML

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>API | ELEMENT</title>
</head>
<body>

<script src="/Api.js"></script>
</body>
</html>
```

API-JS

```
//alert("hello there")
```

```
fetch("https://reqres.in/api/users",{
  method:'POST',
  headers:{
    'Content-Type':'application/json'
  },
  body:JSON.stringify({name:'Bablu',profession:'CR',age:'1000'})
}) //api link
```

```
.then(res=> //then inbuilt func if response is
recived check response ok print data else response not ok

    //if(res.ok){
        res.json()
        //return res //after curly bracket we need to return value

    //else{
    //  console.log("Response not ok")
    //}
)

.then(data=>console.log(data)) //once we get data from api link
we print it

.catch(error=>console.log("error")) //in built catch error function
```

OUTPUT:

