

Name - Yash Lakhtariya

Enrollment number - 21162101012

Branch - CBA Batch - 41

FET Practical 3

Code Link for all practicals :

<https://github.com/yashslakhtariya/sem4practicals/tree/main/FET>

**Institute of Computer Technology
B. Tech. Computer Science and Engineering**

**Sub: FET (2CSE410)
Practical - 3 (Interaction)**

Objective: To understand the working of interactive pop-up boxes on a webpage.

Exercise 1:

Clara wants to develop a webpage. Where any user login into system there should be a Welcome Message. After that user has to insert his/her name, age and also Confirm that they have entered the age correctly. And on the basis of the age Display if the user is eligible to vote or not. (if age \geq 18, eligible)

Method-1 :

HTML :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>YSL Voting Portal</title>
  <script src="voting.js"></script>
</head>
<body>
</body>
</html>
```

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JS:

```
alert("Welcome to YSL Voting Portal!");

init = confirm("Please enter your details to proceed!");

if(init)
{
    let name = prompt("Enter your name : ");
    let age = prompt("Enter your age : ");
    details = confirm(`Details Entered :\n\tName : ${name}\n\tAge : 
${age}\n\nShould we further proceed?`);
    if(details)
    {
        age = parseInt(age);
        while(age < 0)
        {
            alert("Invalid age entered!");
            age = parseInt(prompt("Please enter your valid age : "));
        }
        if(age ≥ 18)
```

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```
        {
            alert("You are eligible to vote!")
        }
        else
        {
            alert("Sorry, you are not eligible to vote!")
        }
    }
    else
    {
        alert("Okay! You don't want to proceed further");
    }
}

else
{
    alert("Okay fine! You don't want to proceed!");
}
```

Output :

Name - Yash Lakhtariya

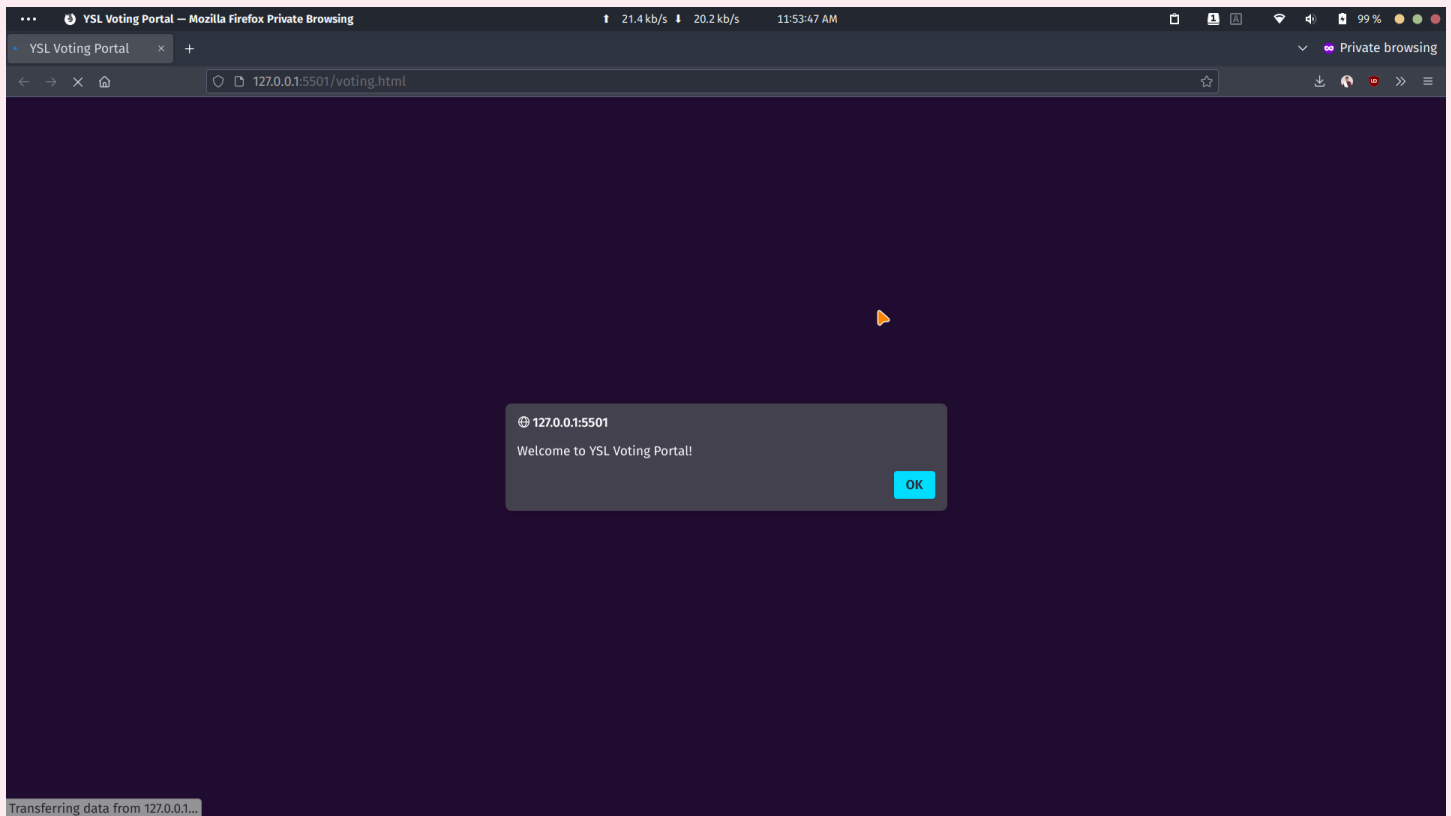
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Name - Yash Lakhtariya

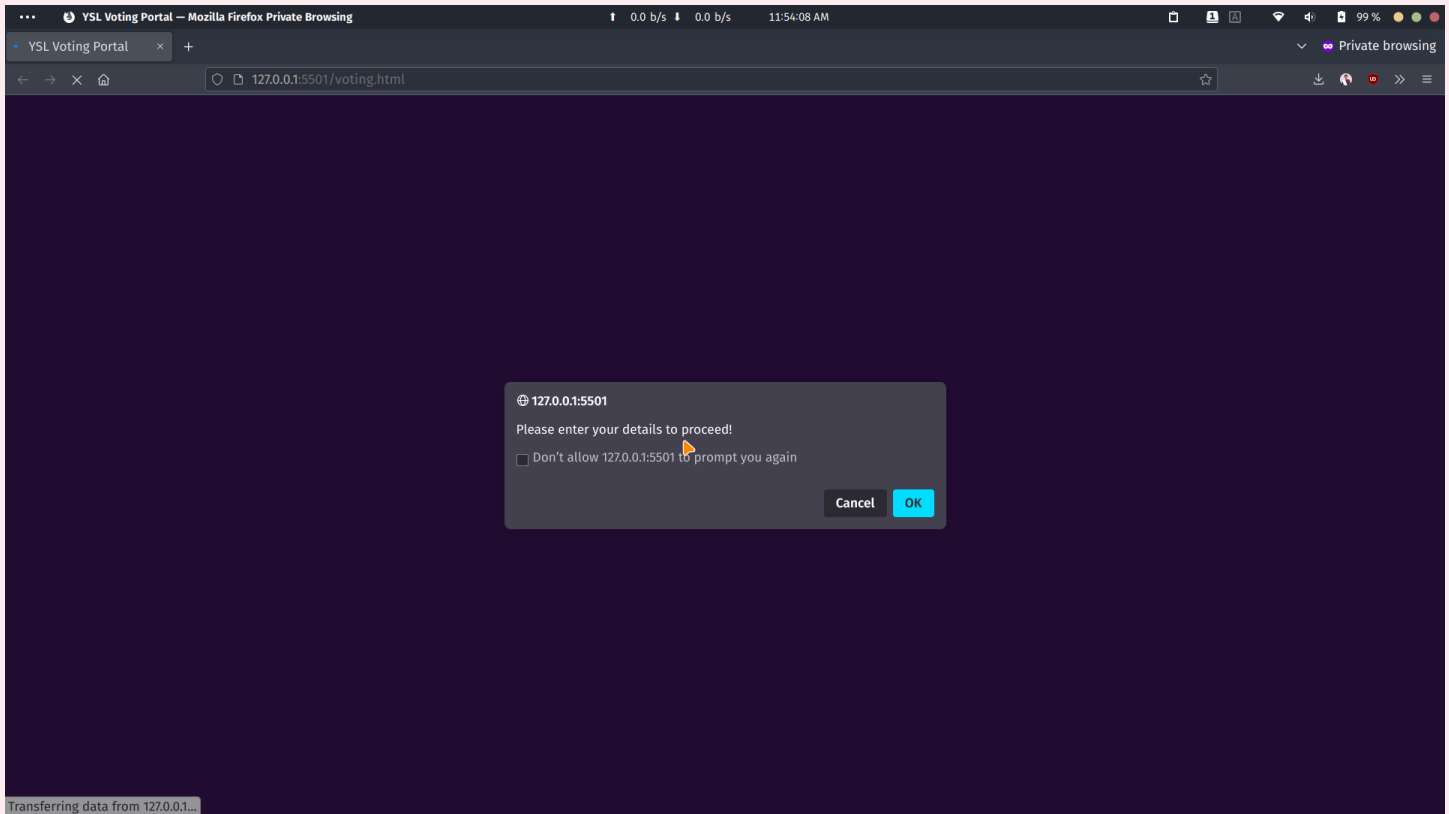
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Name - Yash Lakhtariya

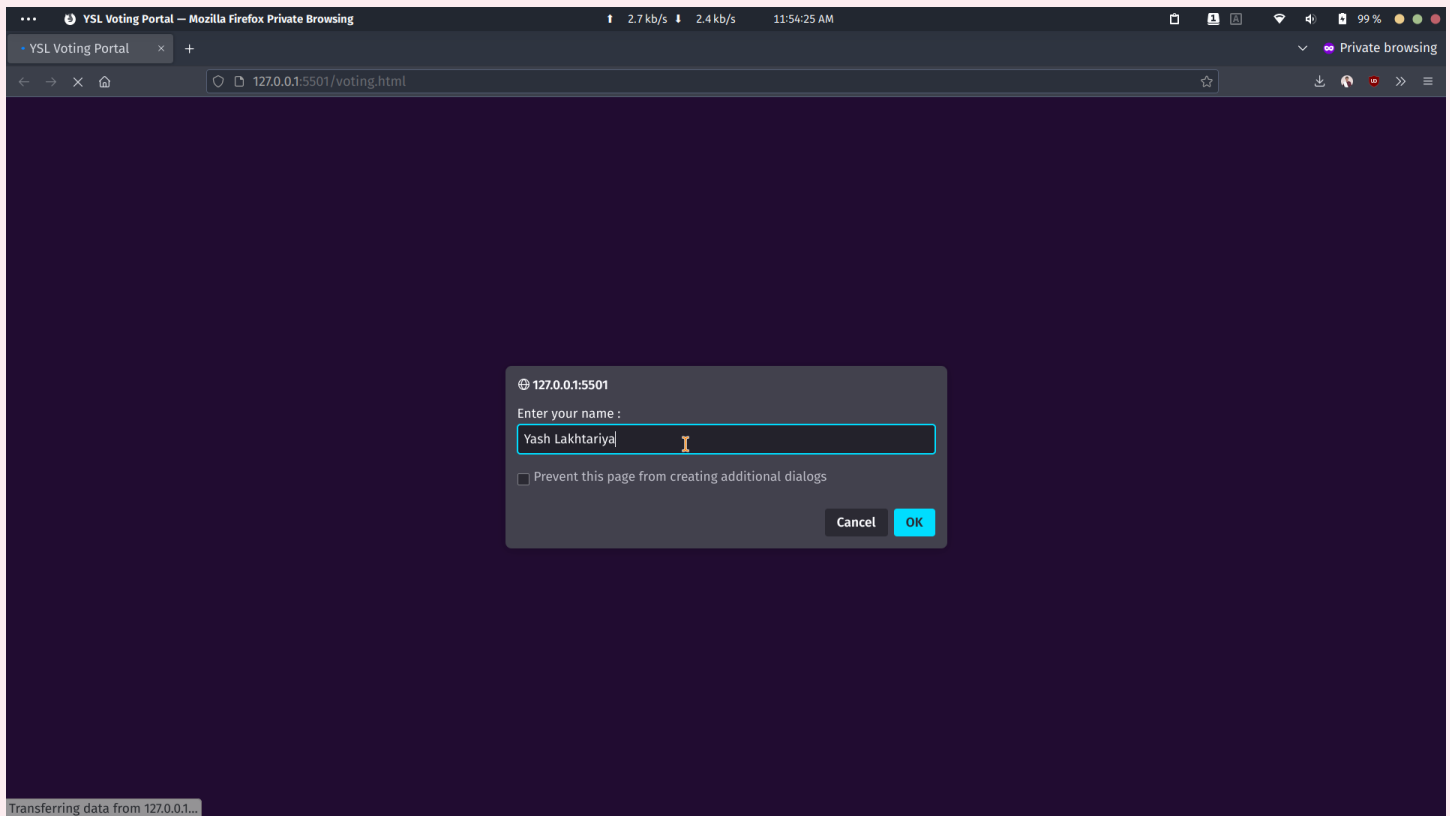
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Name - Yash Lakhtariya

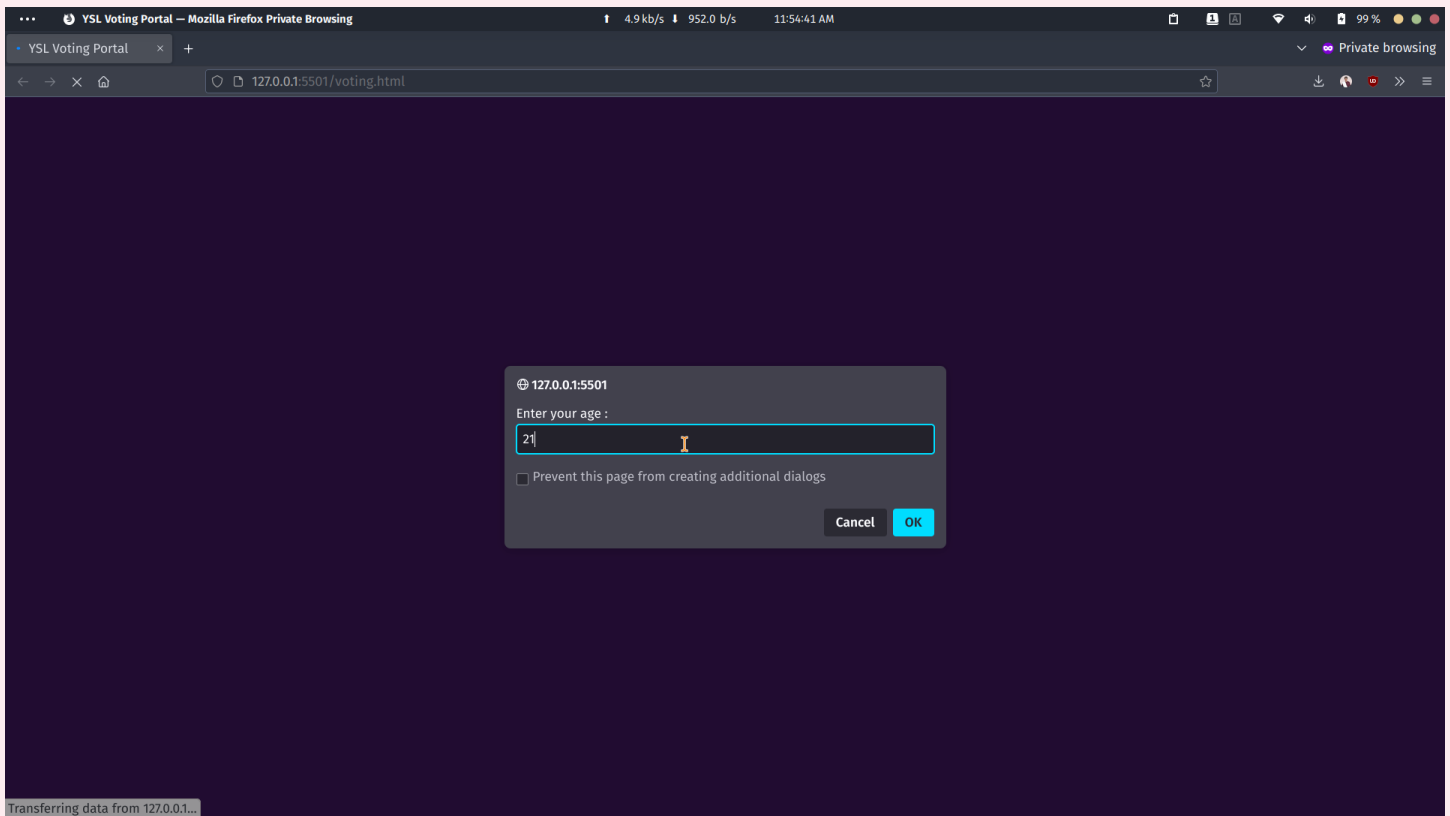
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Name - Yash Lakhtariya

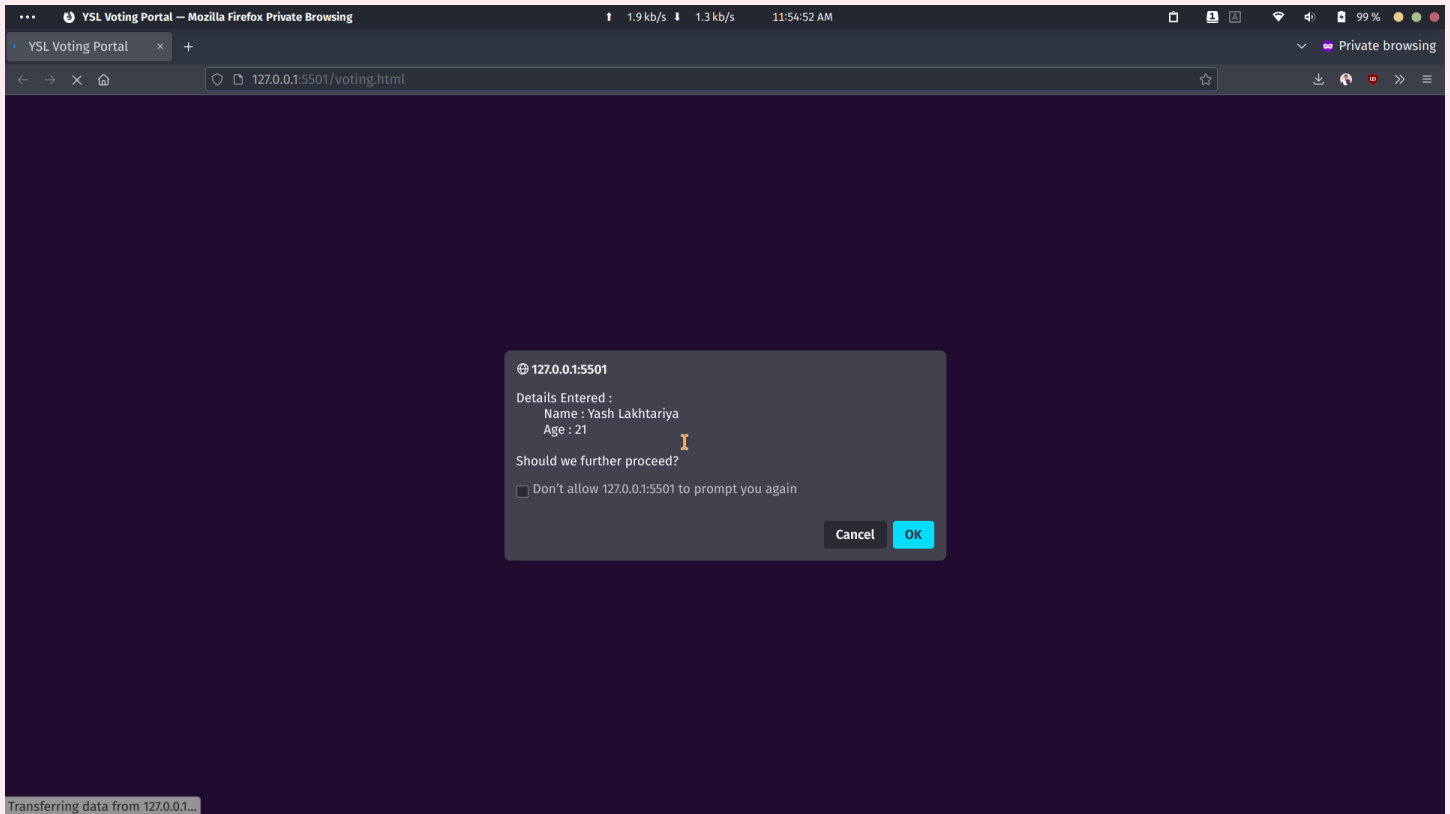
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Name - Yash Lakhtariya

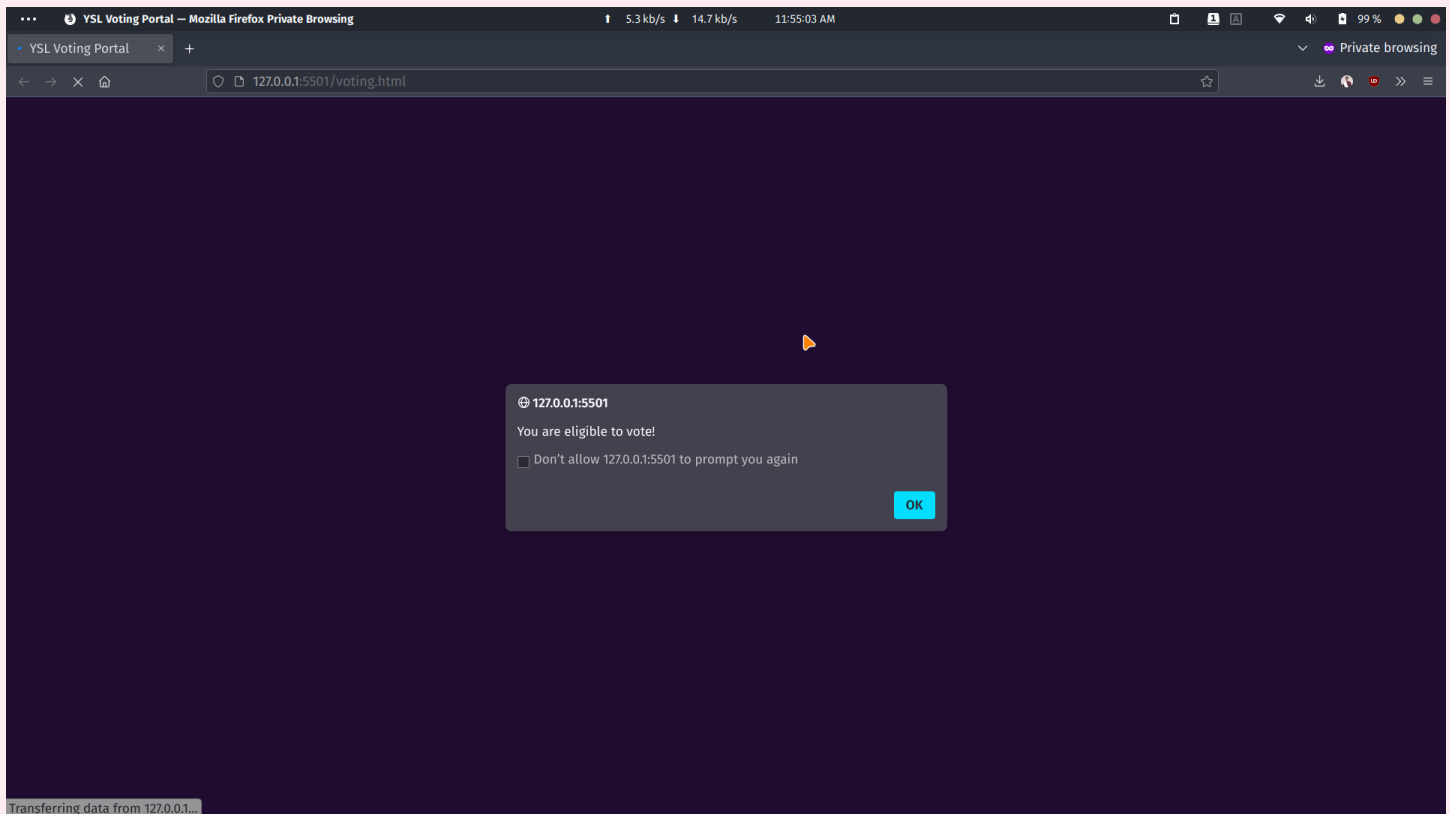
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Method-2 :

HTML :

```
<!DOCTYPE html>

<html lang="en">

<head>

    <title>YSL Voting Portal</title>

</head>

<body>

    <script async>

        alert("Welcome to YSL Voting Portal!");
```

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```
</script>

<form name="Voting Portal" onsubmit="vrifyage()" method="post"
id="frm">

    Name : <input type="text" id="nm">

    <br>

    Age : <input type="number" id="age">

    <br>

    Verify Age : <input type="number" id="age2">

    <br>

    <input type="submit" value="Submit">

</form>

<script src="voting2.js"></script>
</body>
</html>
```

JS:

```
function vrifyage()
{
    let nm = document.getElementById("nm").value;
    let age = document.getElementById("age").value;
    let age2 = document.getElementById("age2").value;
    if(age !== age2)
```

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```
{  
    alert("Age inputs don't match!");  
}  
else  
{  
    if(age<0)  
    {  
        alert("Invalid age!");  
    }  
    else if(age ≥ 18)  
    {  
        alert("You are eligible to vote!");  
    }  
    else if(age < 18)  
    {  
        alert("Sorry! You are not eligible to vote!");  
    }  
    else  
    {  
        alert("Invalid input!");  
    }  
}  
}
```

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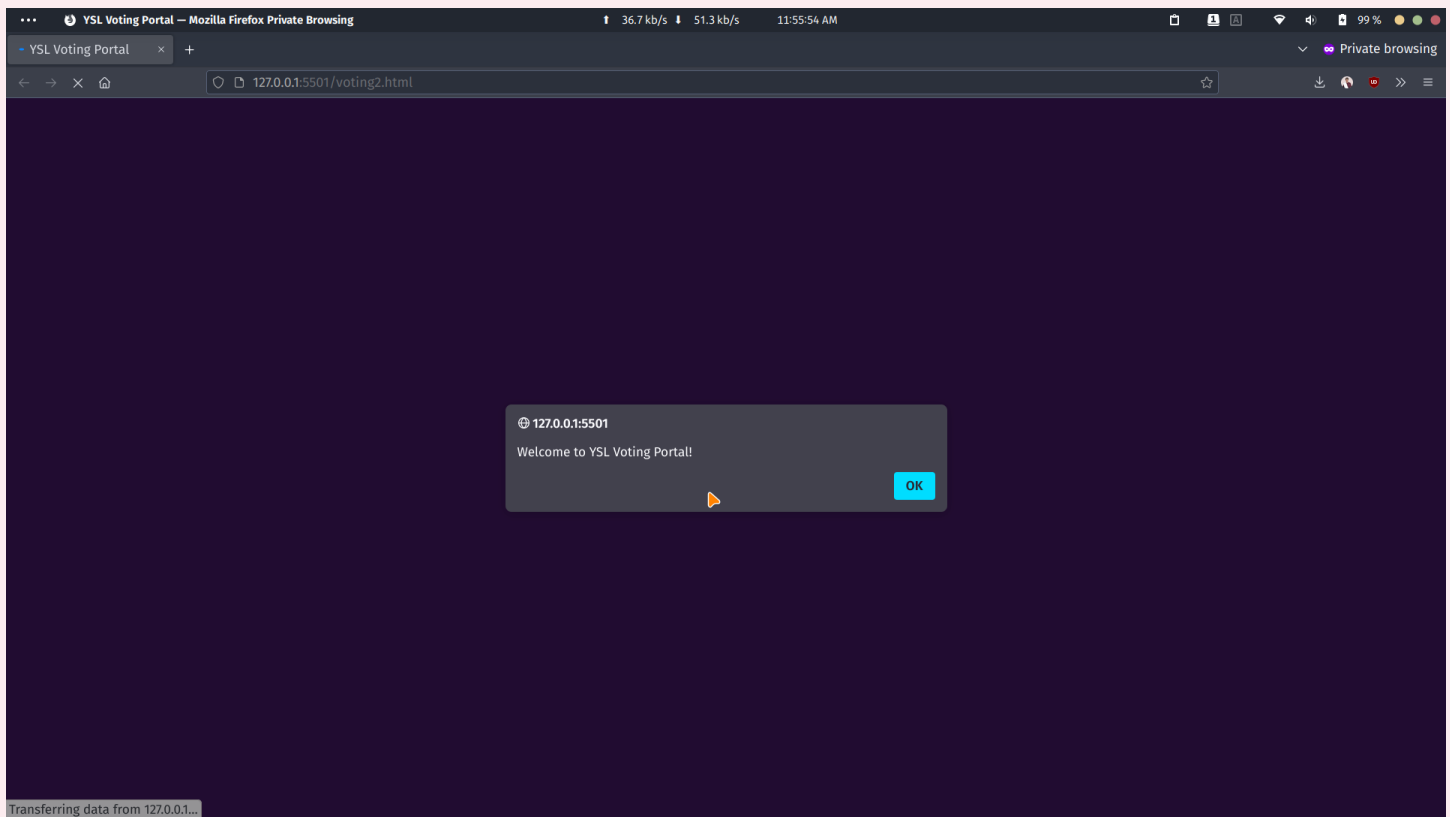
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Output :



Name - Yash Lakhtariya

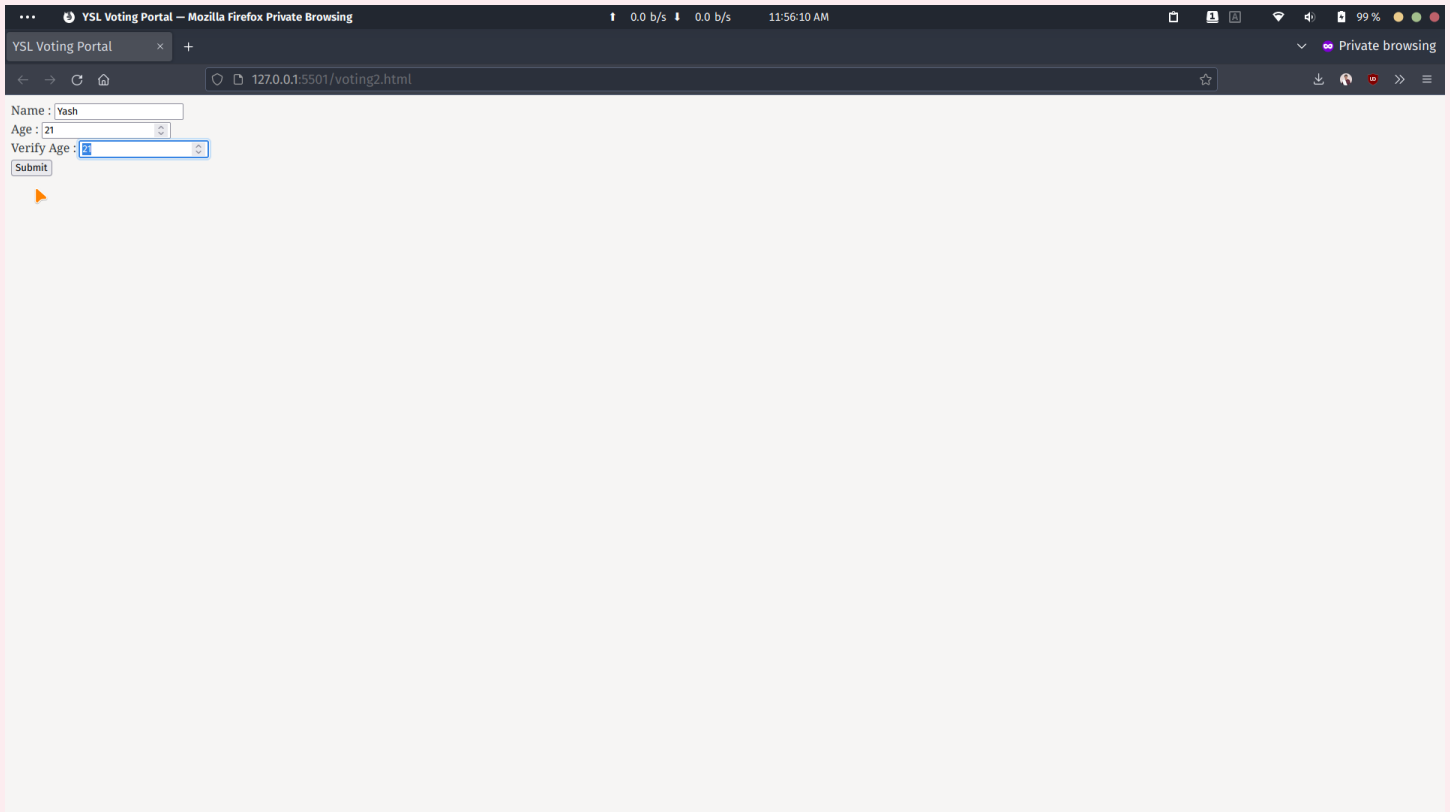
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Name - Yash Lakhtariya

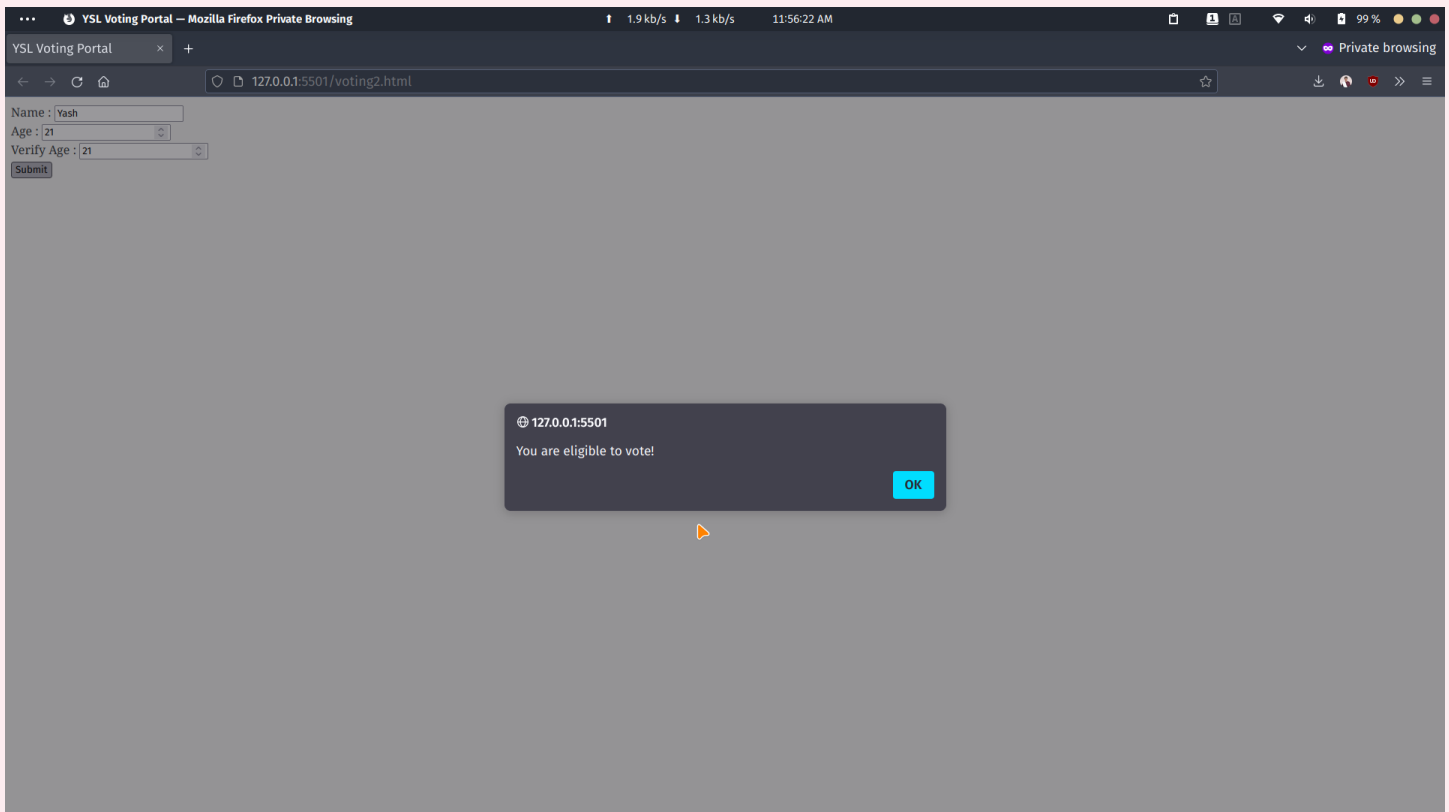
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Exercise 2:

Consider CoWin Application where users are supposed to provide their nationality and how many vaccines he/she has got. If user has not been vaccinated for at least 1 dose prompt the Error Message and do not provide further access else give the access into the portal.

HTML:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <title>YSL Vaccine Portal</title>
```

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

JS:

```
alert("Welcome to the YSL Vaccine Portal!");

let nm = prompt("Enter your name : ");
let cntry = prompt("What is your current nationality?");
let n = prompt("Enter number of vaccine doses you have taken : ");

cnfrm = confirm(`Details Entered : \nName : ${nm}\nNationality : 
${cntry}\nNumber of Vaccine Doses : ${n.toString()}`);
n = parseInt(n);

while(n<0 || n>3)
{
    alert("Incorrect number of doses!");
    n = parseInt(prompt("Enter valid number of vaccine doses you have
taken (0 to 3) : "));
}
```

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```
if(n>0)
{
    alert("Welcome to the YSL Voting Portal!\nYou can proceed further!");
}
else
{
    alert("Sorry! You are not vaccinated atleast one time\nYou cannot
proceed further");
    close();
}
```

Output :

Name - Yash Lakhtariya

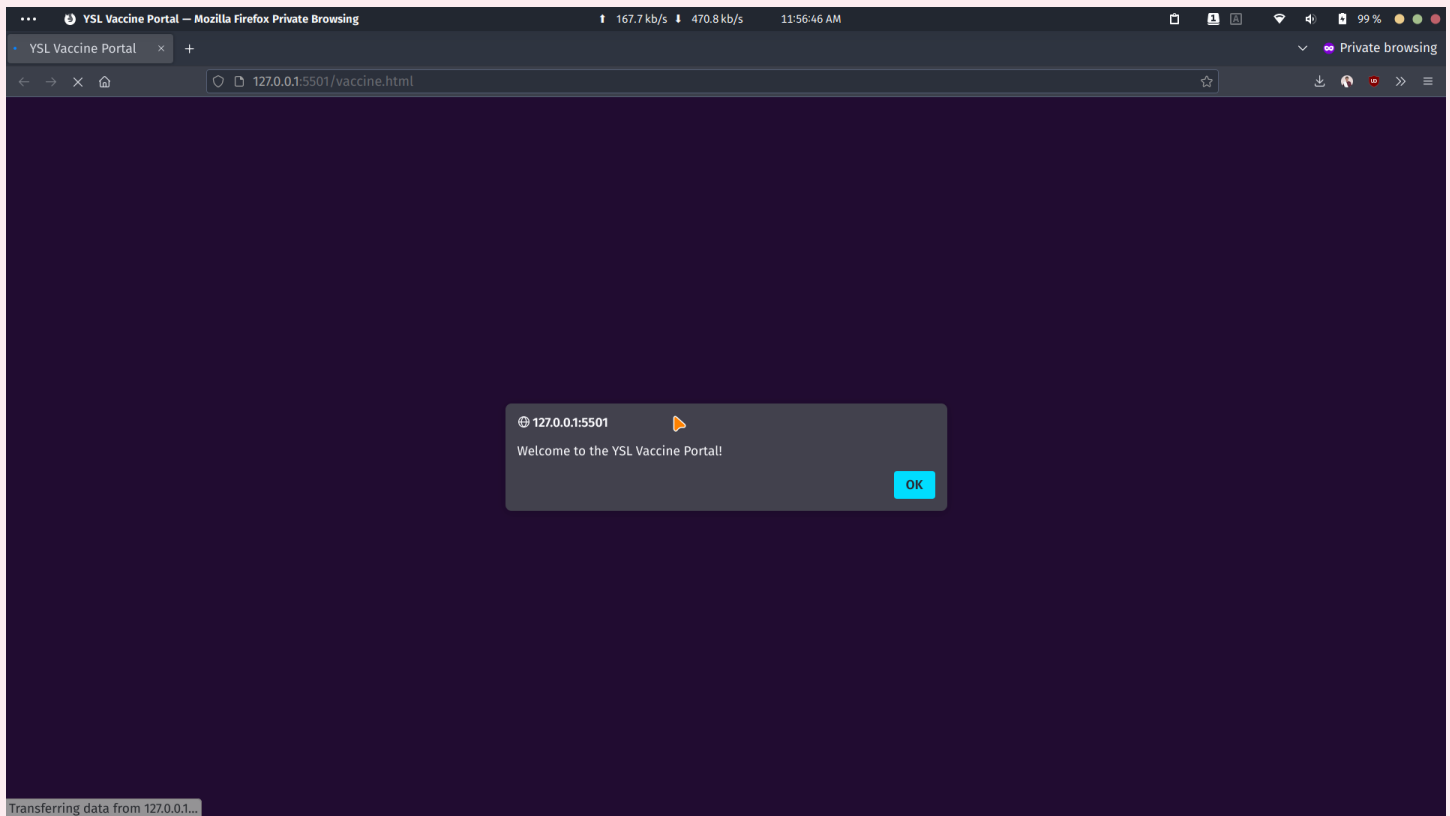
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Name - Yash Lakhtariya

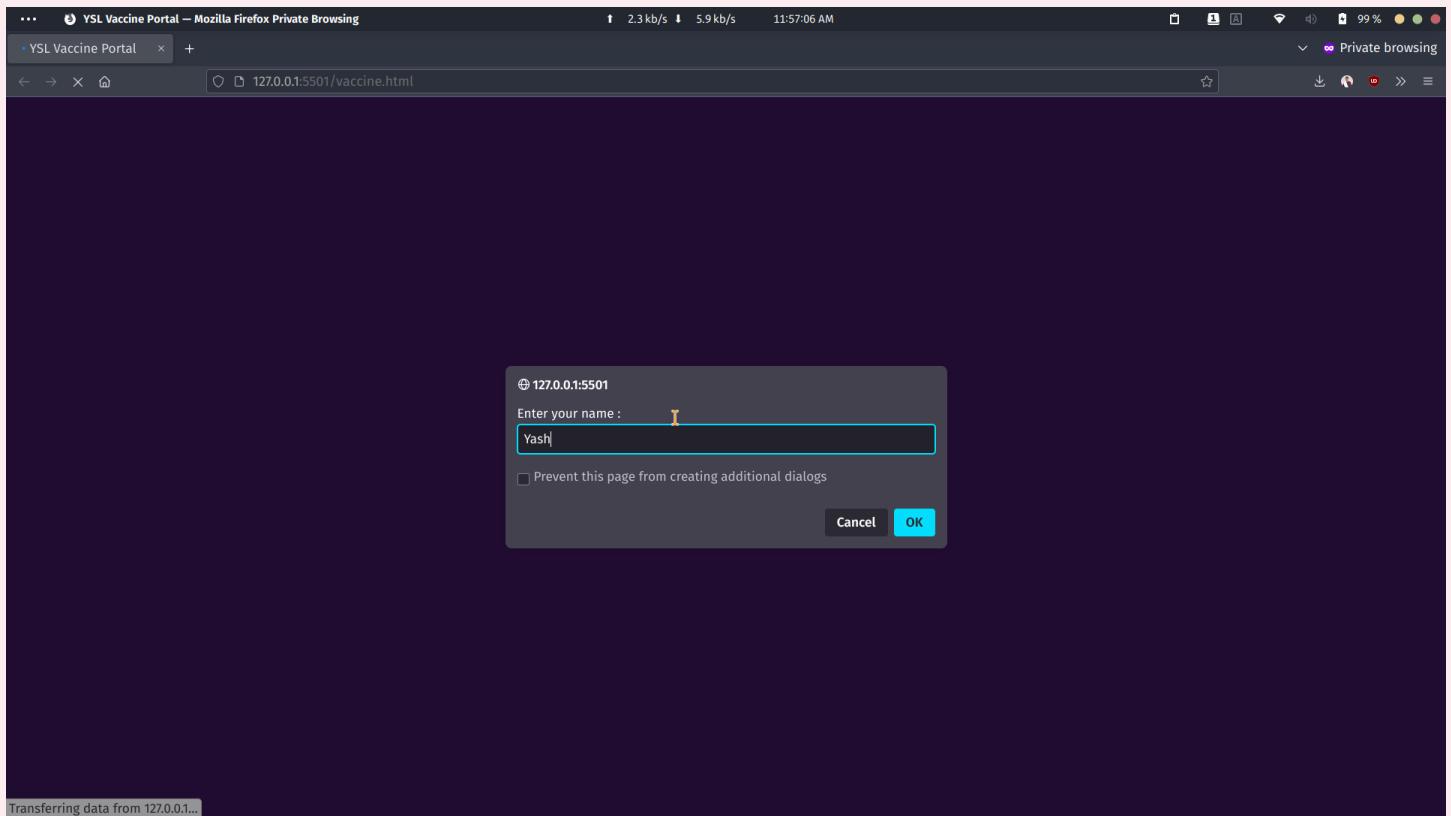
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Name - Yash Lakhtariya

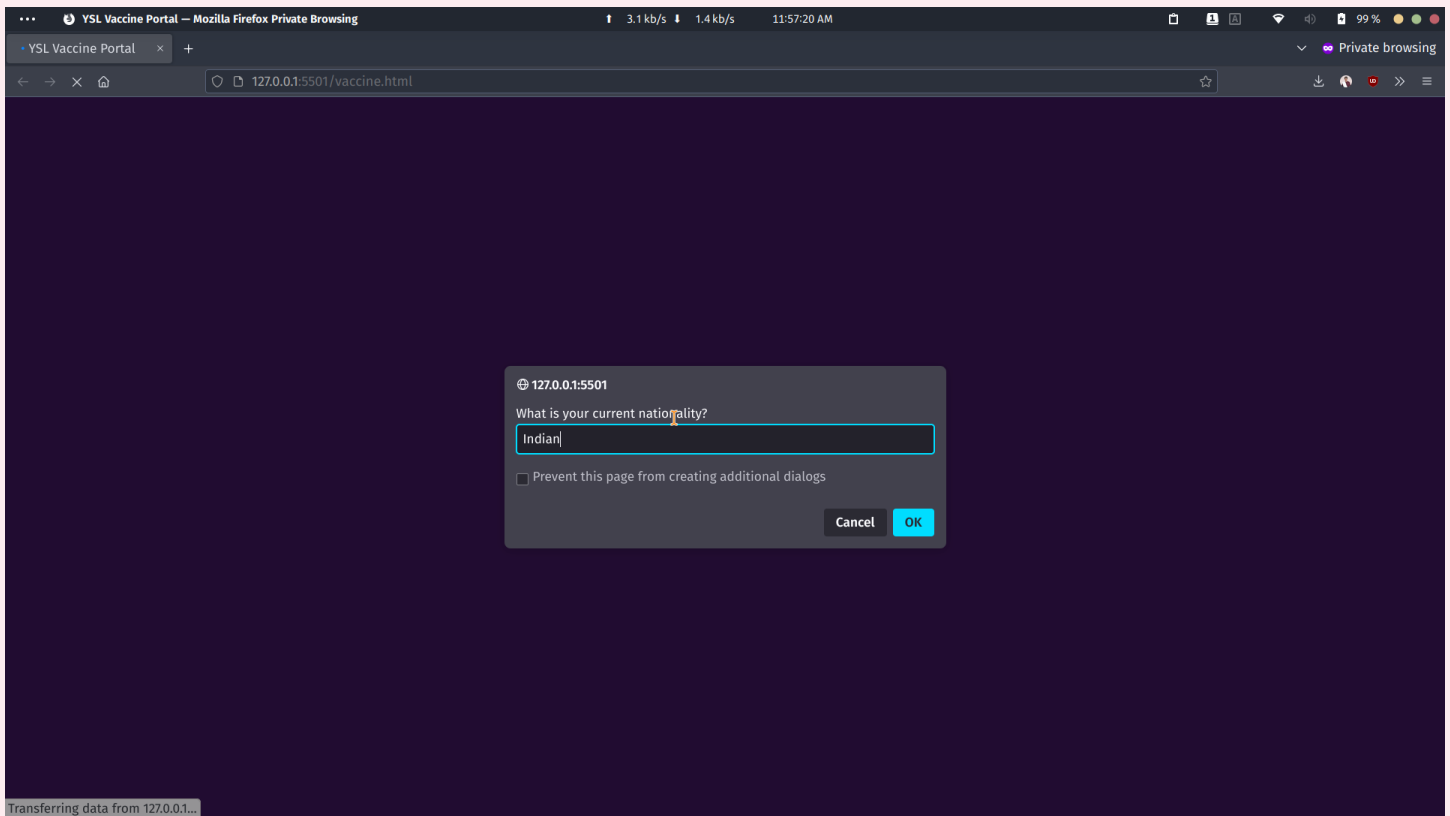
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Name - Yash Lakhtariya

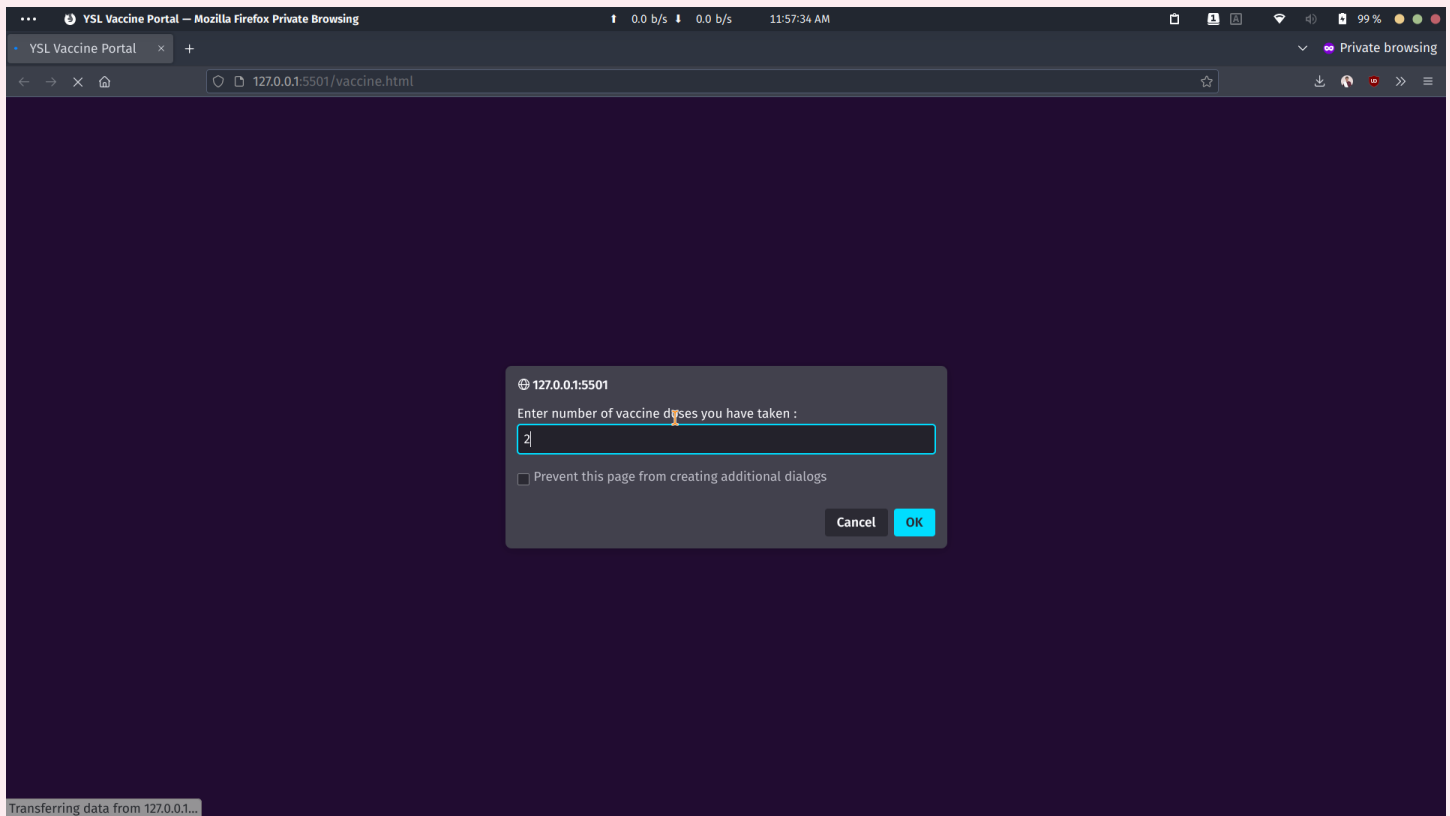
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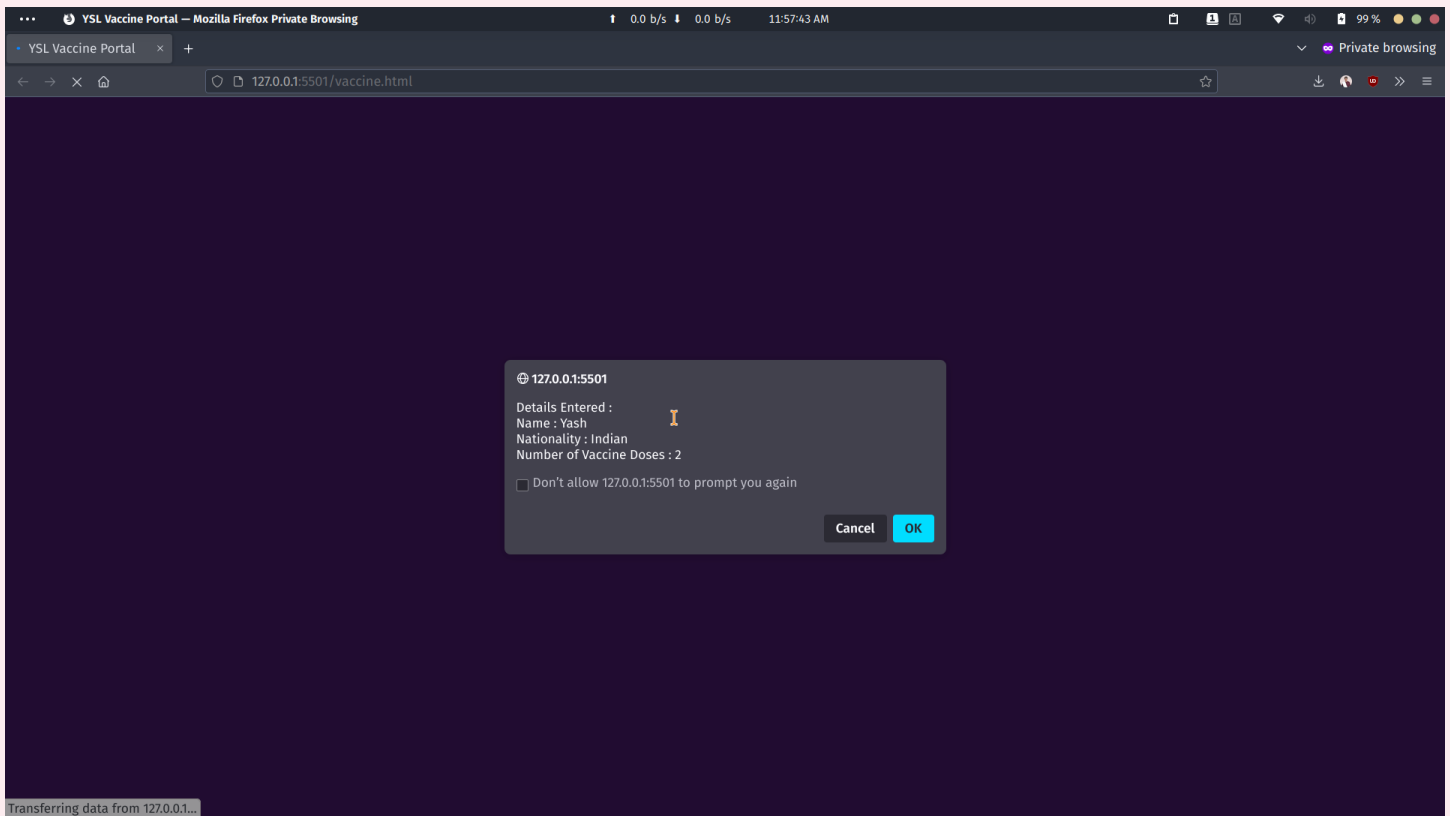
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