

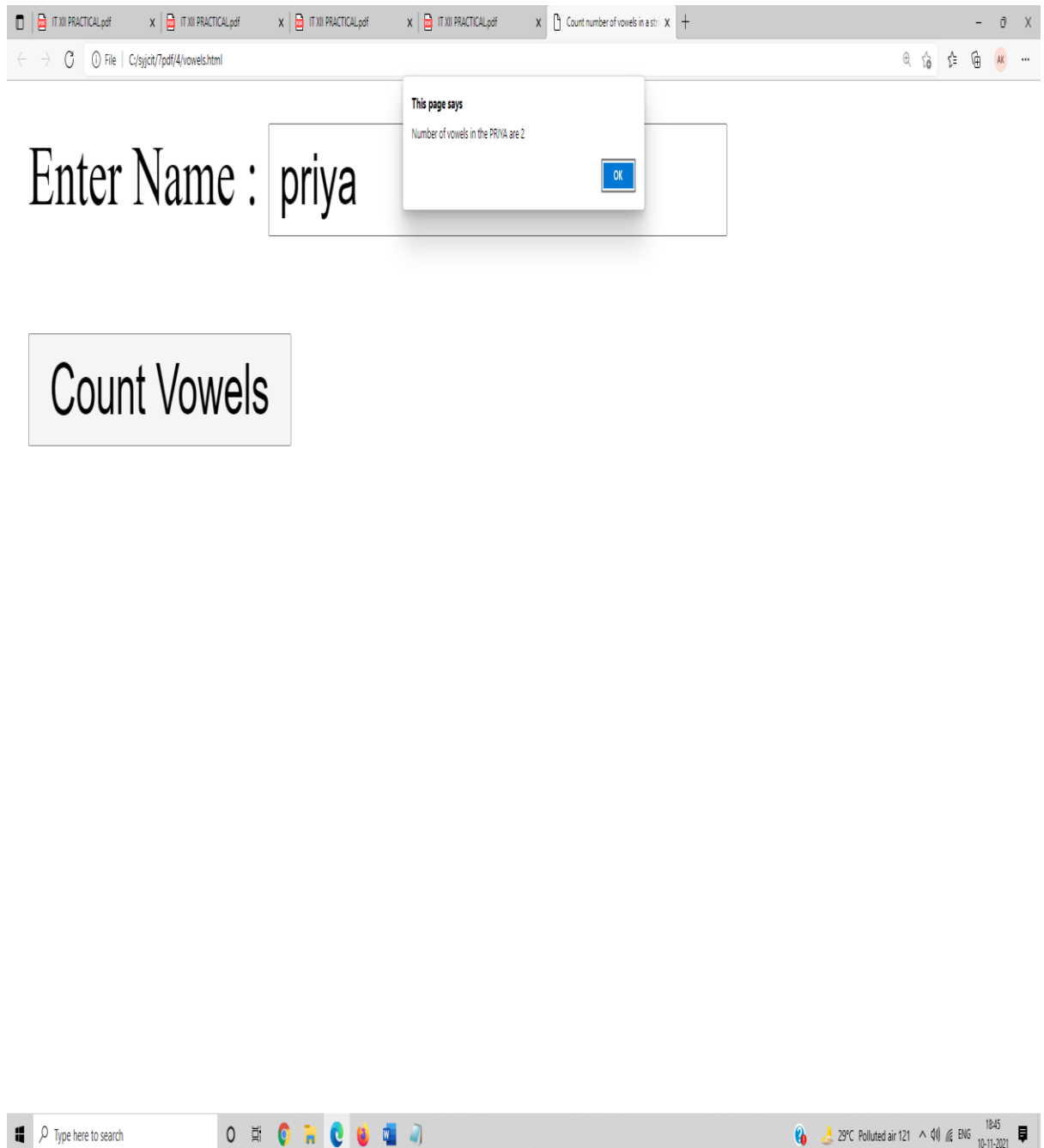
## **SOP 4 :**

**Question : Create event driven JavaScript program for the following. Make use of appropriate variables , JavaScript inbuilt string functions and control structures.**

- **To accept string from user and count number of vowels in the given string.**

## Next Page (Blank)

**OUTPUT :**



**vowels.html**

## Next Page

### Vowels.html code

```
<!DOCTYPE html>
<html>
<head>
<title>
Count number of vowels in a string
</title>
<script type = "text/javascript">
function cnt()
{
    var s,i,ch,c;
    c=0;
    s = f1.t1.value;
    s = s.toUpperCase();
    for(i=0;i<s.length;i++)
    {
        ch = s.charAt(i);
        if(ch == "A" || ch == "E" || ch == "I" || ch == "O"
        || ch == "U")
            c++;
    }
    alert("Number of vowels in the " + s + " are " +c);
}
</script>
</head>
<body>
<form name = "f1">
Enter Name :
<input type = "text" name = "t1"><br><br>
```

```
<input type = "button" name = "b1" value = "Count  
Vowels" onClick = "cnt()">  
</form></body>  
</html>
```