

## Challenge Program4

**Same as above program4 by in place of displaying only reverse of string under Integer Value, display the product of actual Integer Entered and Reversed Integer**

```
<!DOCTYPE HTML>

<html>

<body>

    <script type="text/javascript">

        var str = prompt("Enter the Input", "");
        if (!isNaN(str))
        {
            var num, rev = 0, remainder;
            num = parseInt(str);
            while (num != 0)
            {
                remainder = num % 10;
                num = parseInt(num / 10);
                rev = rev * 10 + remainder;
                prod = str * rev;
            }
            alert("Reverse of " + str + " is " + rev + " and their Product is " + prod);
        }
        else
        {
            str = str.toUpperCase();
            function vowel_Count(str)
            {
                const count = str.match(/[aeiou]/gi).length;
```

```
        return count
    }

    alert("The given string '"+ str +"' has "+ vowel_Count(str) + " number of vowels.")

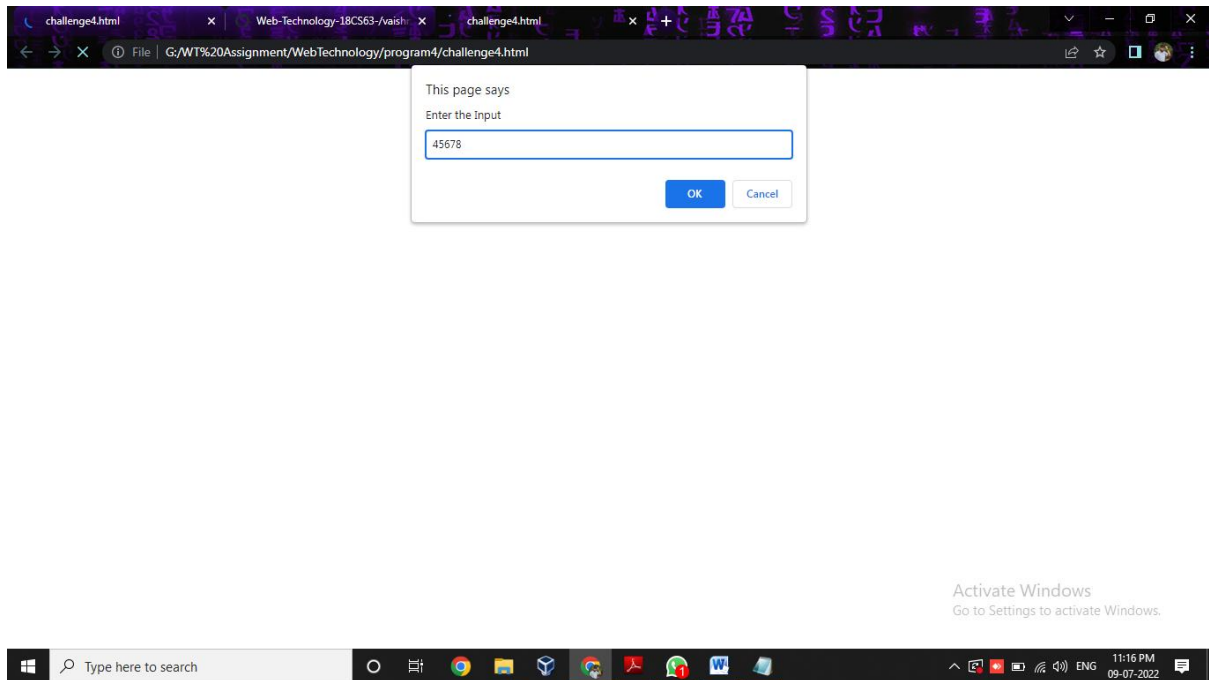
}

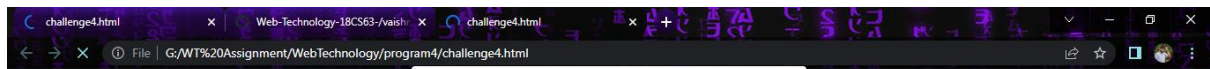
</script>

</body>

</html>
```

## Output:





This page says  
Reverse of 45678 is 87654 and their Product is 4003859412

OK

Activate Windows  
Go to Settings to activate Windows.

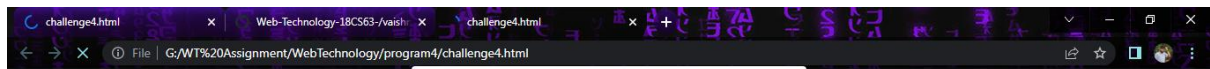


This page says  
Enter the Input  
Good Morning

OK Cancel

Activate Windows  
Go to Settings to activate Windows.





This page says  
The given string 'GOOD MORNING' has 4 number of vowels.

OK

Activate Windows  
Go to Settings to activate Windows.

