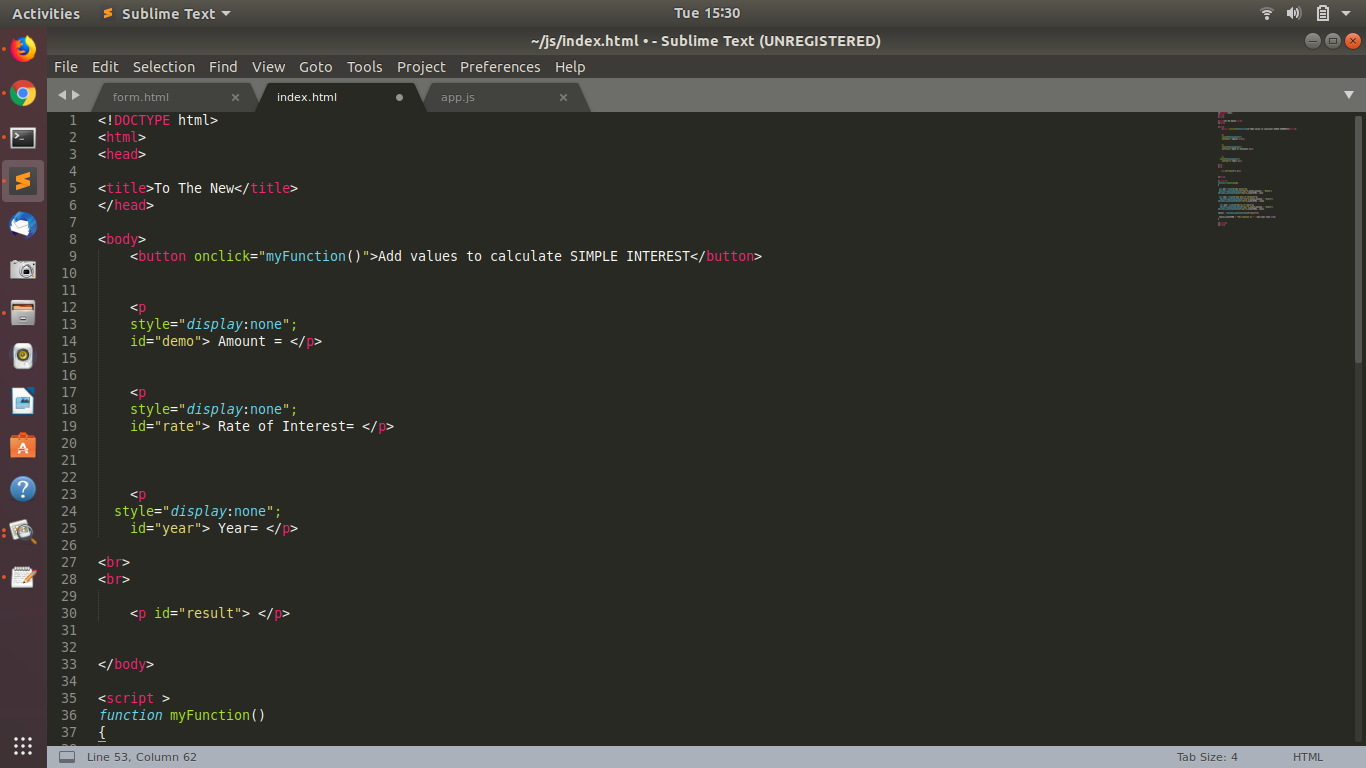
**Introduction to JavaScript**

Q1 Prompt for amount, interest rate and no. of years and calculate simple interest.

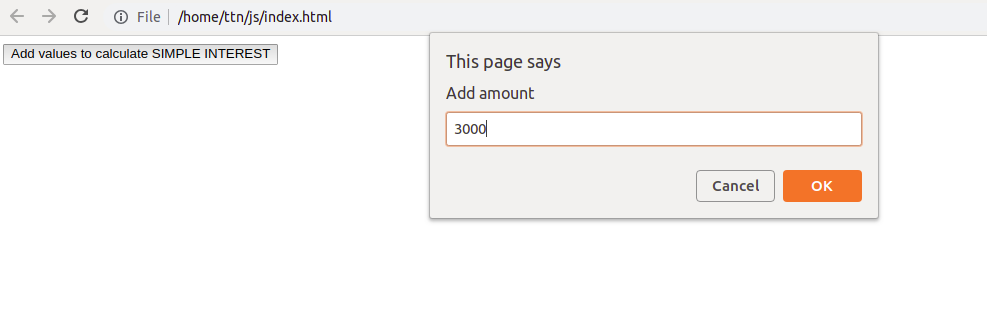
Ans

prompt() function is used to display a prompt.





On browser:





Q2 is palindrome string

Ans

<!DOCTYPE html>

<html>

<head>

<title>To The New</title>

</head>

<body>

<p> Enter your string </p>

<input type="text" id ="title" required style="border-radius:5px;">

<br><br>

<button onclick="palindrome()"> Check </button>

<p id="result"> </p>

</body>

<script>

function palindrome(){

var string = document.getElementById("title").value;

result = document.getElementById("result");

var len = string.length;

for (var i = 0; i < len/2; i++) {

if (string[i] !== string[len - 1 - i]) {

result.innerHTML= false;

return;

}

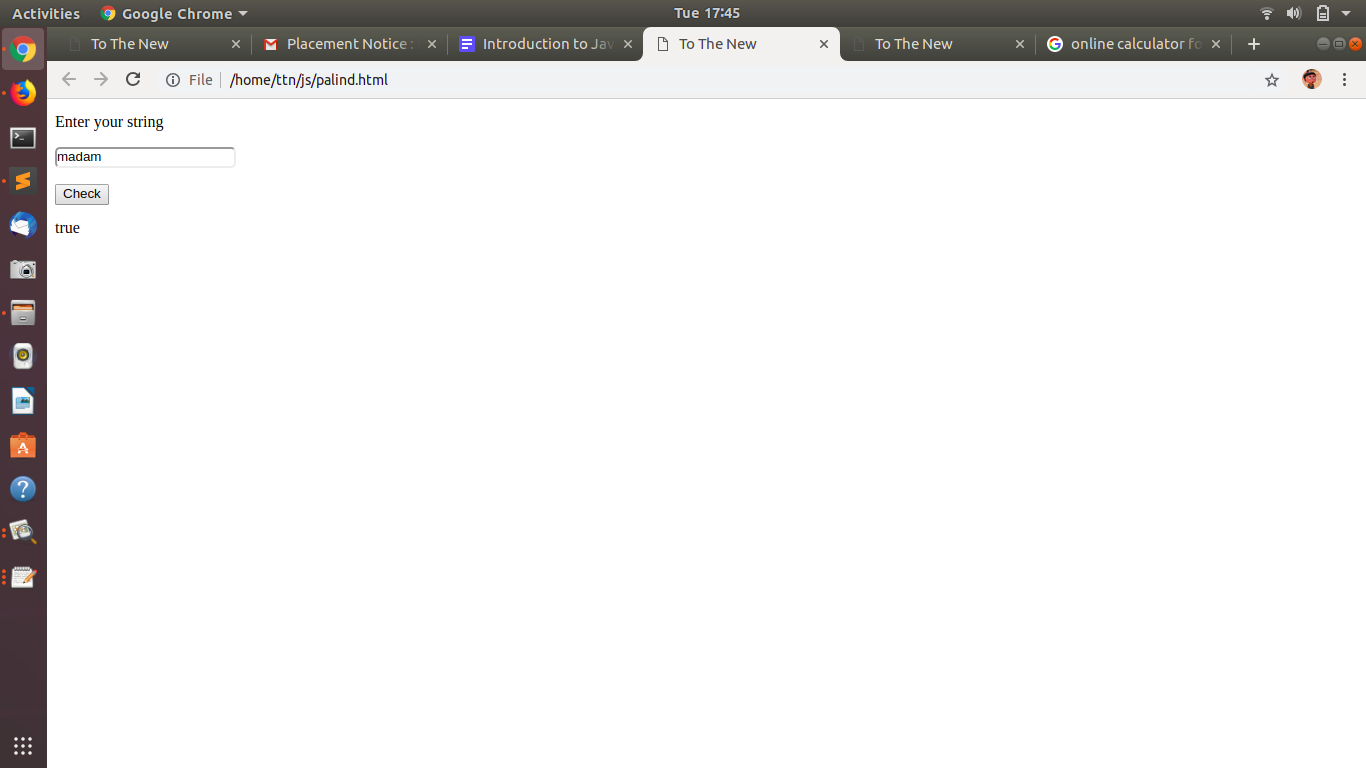
}

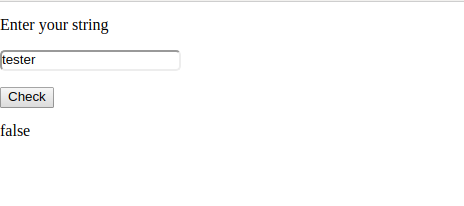
result.innerHTML= true; // Both parts are strictly equal, it returns true => The string is a palindrome

}

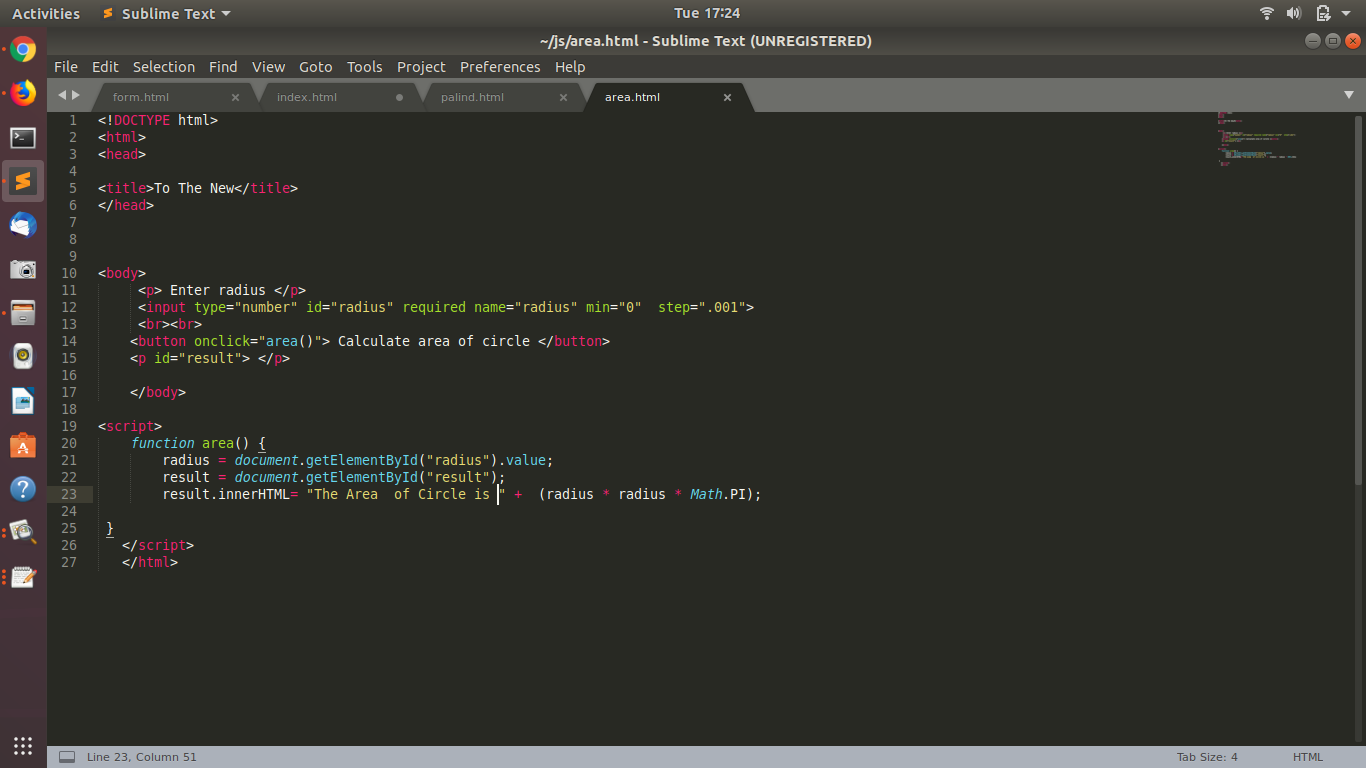
</script>

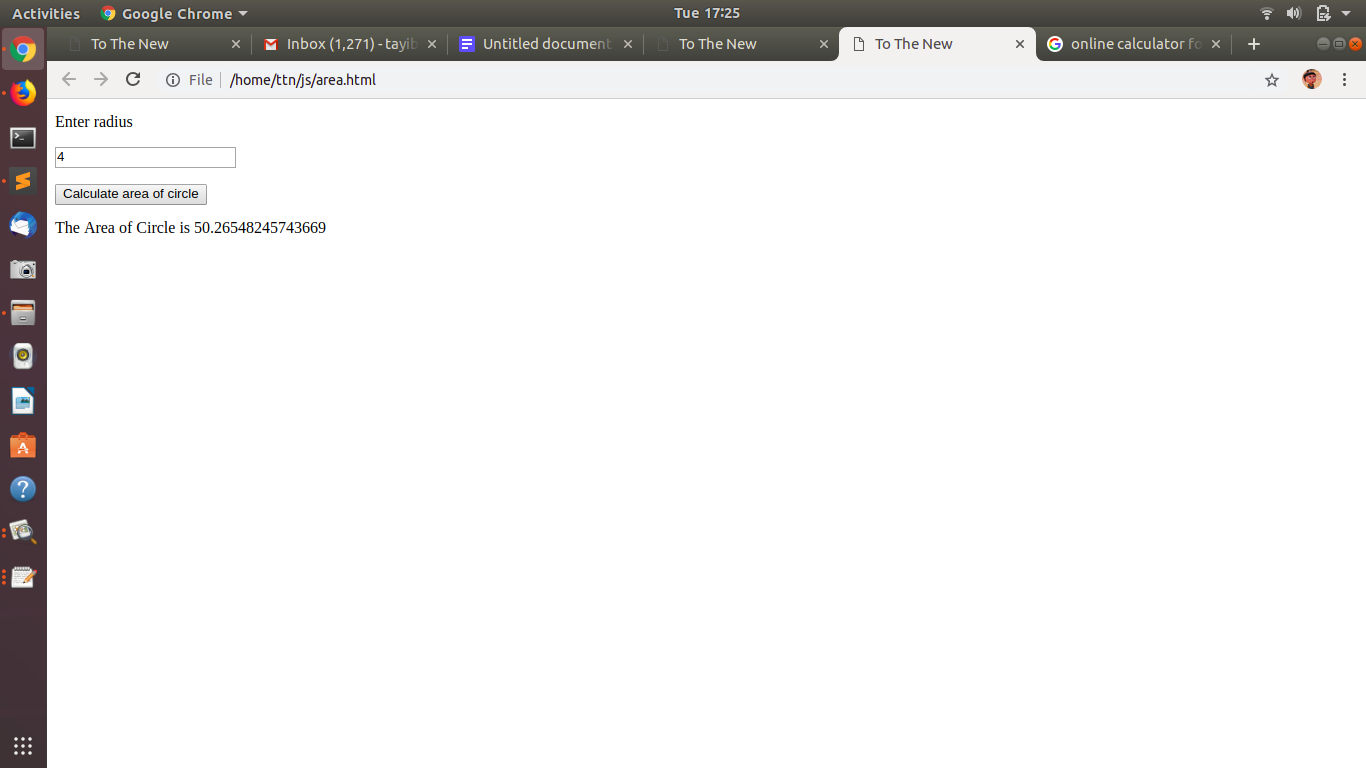
</html>





Q3. Area of circle





* Copy information of one object to another and log it to console.



* create a list of objects of Employee with info as follow :
  1. Name, age, salary ,DOB
  2. filter all employees with salary greater than 5000
  3. group employee on the basis of their age
  4. fetch employees with salary less than 1000 and age greater than 20. Then give them an increment 5 times their salary.

A.

|  |
| --- |
| Employees=[ |
|  |

|  |
| --- |
| { |
|  |

|  |
| --- |
| name:"bob", |
|  |

|  |
| --- |
| age:40, |
|  |

|  |
| --- |
| salary:1000, |
|  |

|  |
| --- |
| DOB:"2-july-1994" |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| }, |
|  |

|  |
| --- |
| { |
|  |

|  |
| --- |
| name:"foo", |
|  |

|  |
| --- |
| age:40, |
|  |

|  |
| --- |
| salary:8000, |
|  |

|  |
| --- |
| DOB:"2-june-1991" |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| }, |
|  |

|  |
| --- |
| { |
|  |

|  |
| --- |
| name:"racheal", |
|  |

|  |
| --- |
| age:20, |
|  |

|  |
| --- |
| salary:2000, |
|  |

|  |
| --- |
| DOB:"20-jan-1999" |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| }, |
|  |

|  |
| --- |
| { |
|  |

|  |
| --- |
| name:"richard", |
|  |

|  |
| --- |
| age:25, |
|  |

|  |
| --- |
| salary:900, |
|  |

|  |
| --- |
| DOB:"2-feb-1992" |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| }, |
|  |

|  |
| --- |
| { name:"casey", |
|  |

|  |
| --- |
| age:28, |
|  |

|  |
| --- |
| salary:700, |
|  |

|  |
| --- |
| DOB:"2-july-1990"} |
|  |

|  |
| --- |
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