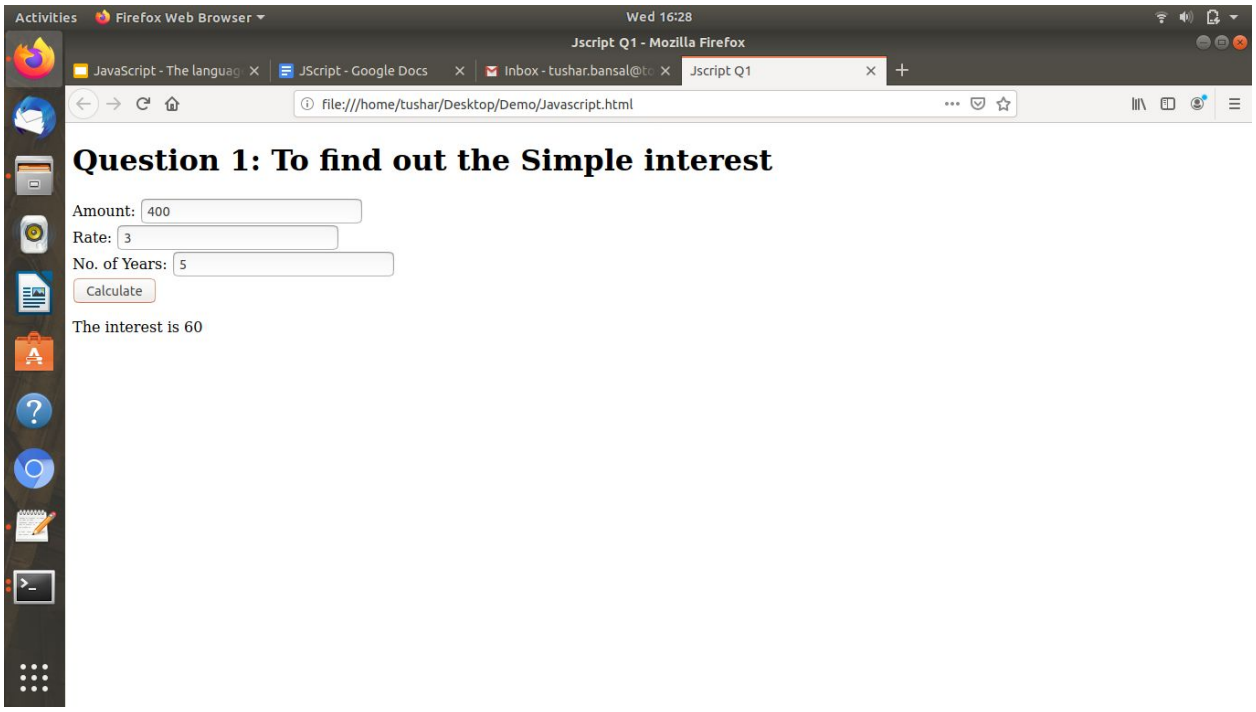
**Q1.Prompt for amount, interest rate and no. of years and calculate simple interest.**

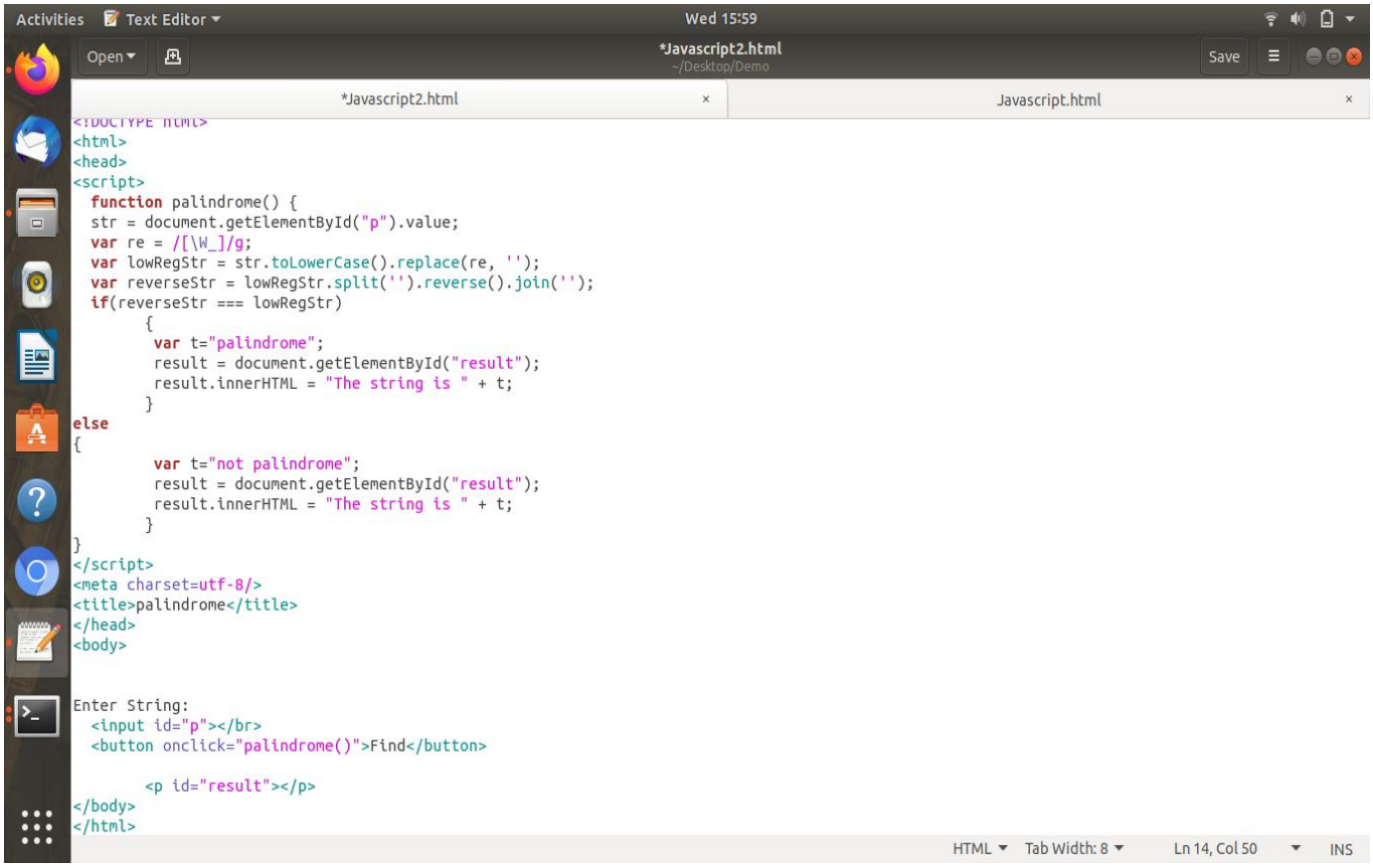
**Answer:**

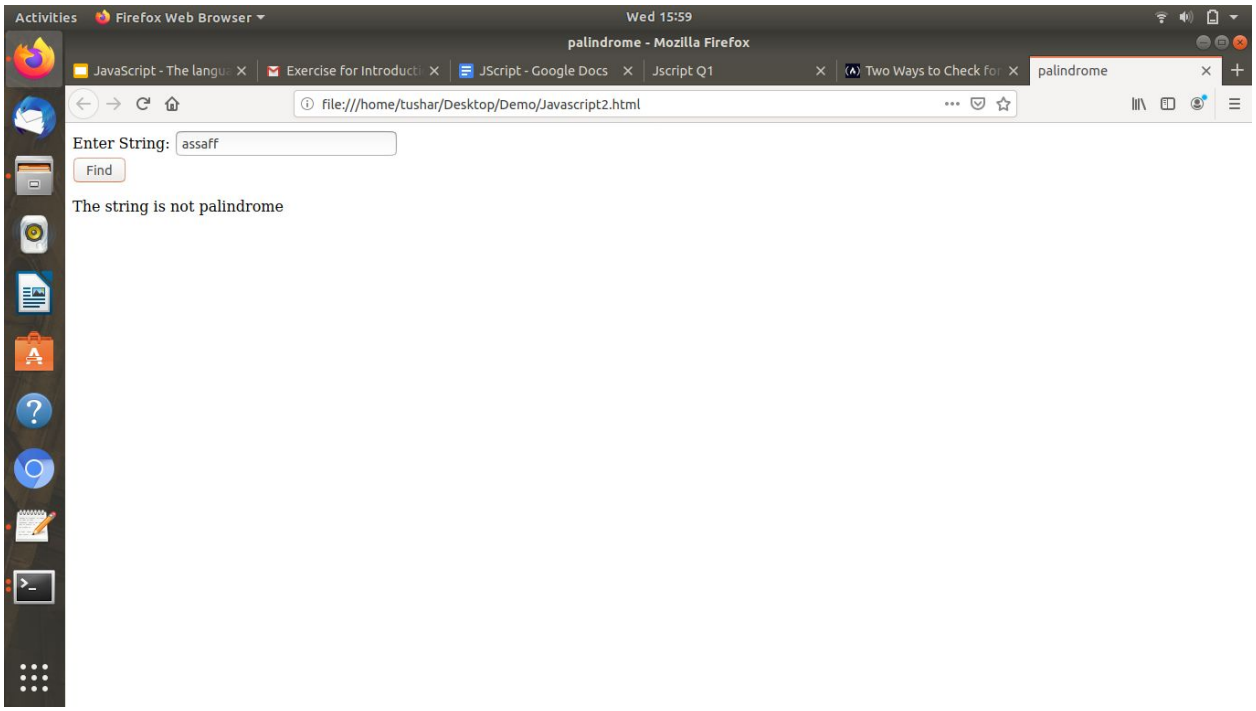

```
<!DOCTYPE html>
<html>
    <head>
        <title>Jscript Q1</title>

        <script>
            function calculate()
            {
                p = document.getElementById("p").value;
                n = document.getElementById("n").value;
                r = document.getElementById("r").value;
                result = document.getElementById("result");

                result.innerHTML = "The interest is " + (p*n*r/100);
            }
        </script>
    </head>

    <body>
        <h1>Question 1: To find out the Simple interest </h1>

        Amount: <input id="p"><br/>
        Rate: <input id="r"><br/>
        No. of Years: <input id="n"><br/>

        <button onclick="calculate()">Calculate</button>

        <p id="result"></p>
    </body>
</html>
```



**Q2.Find whether palindrome is string.**

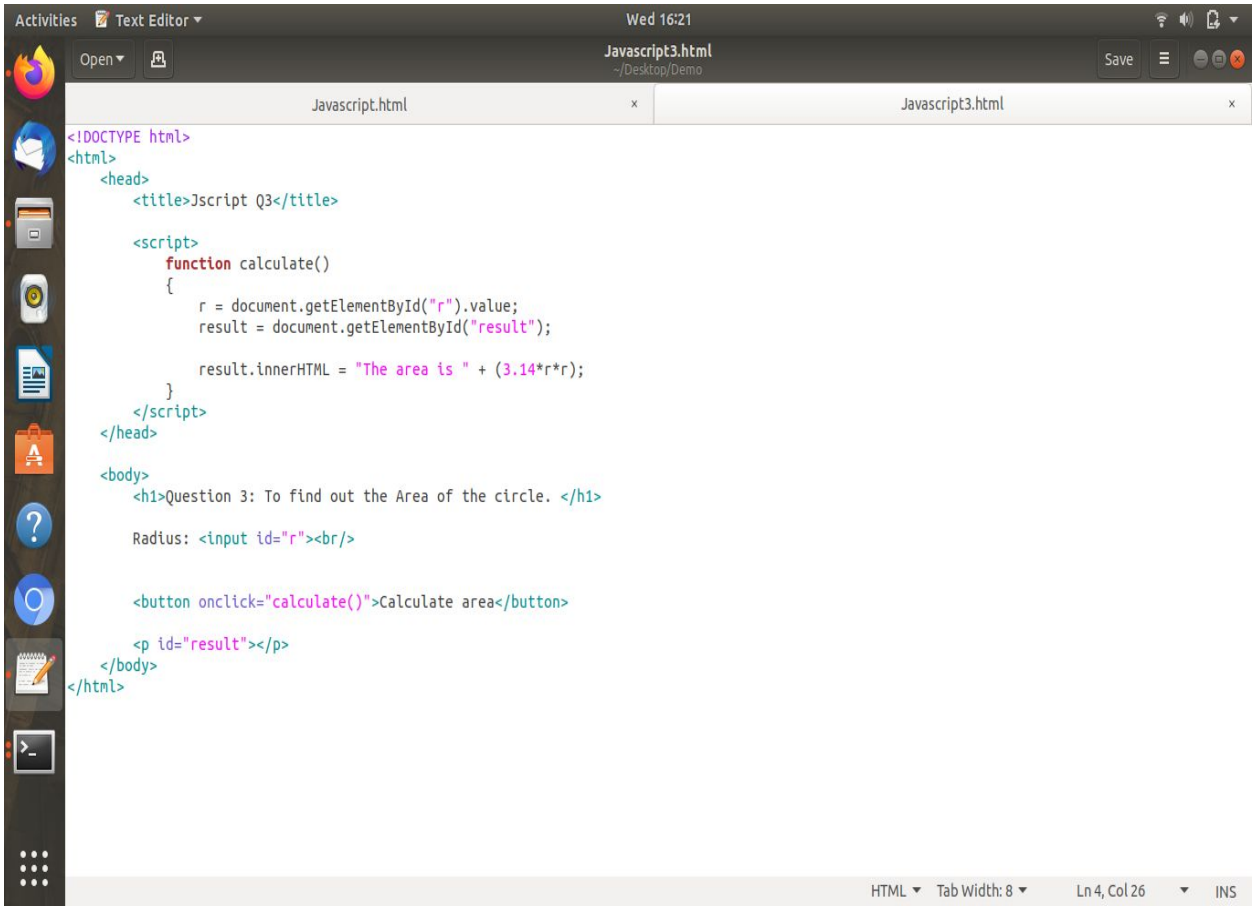
**Answer:**

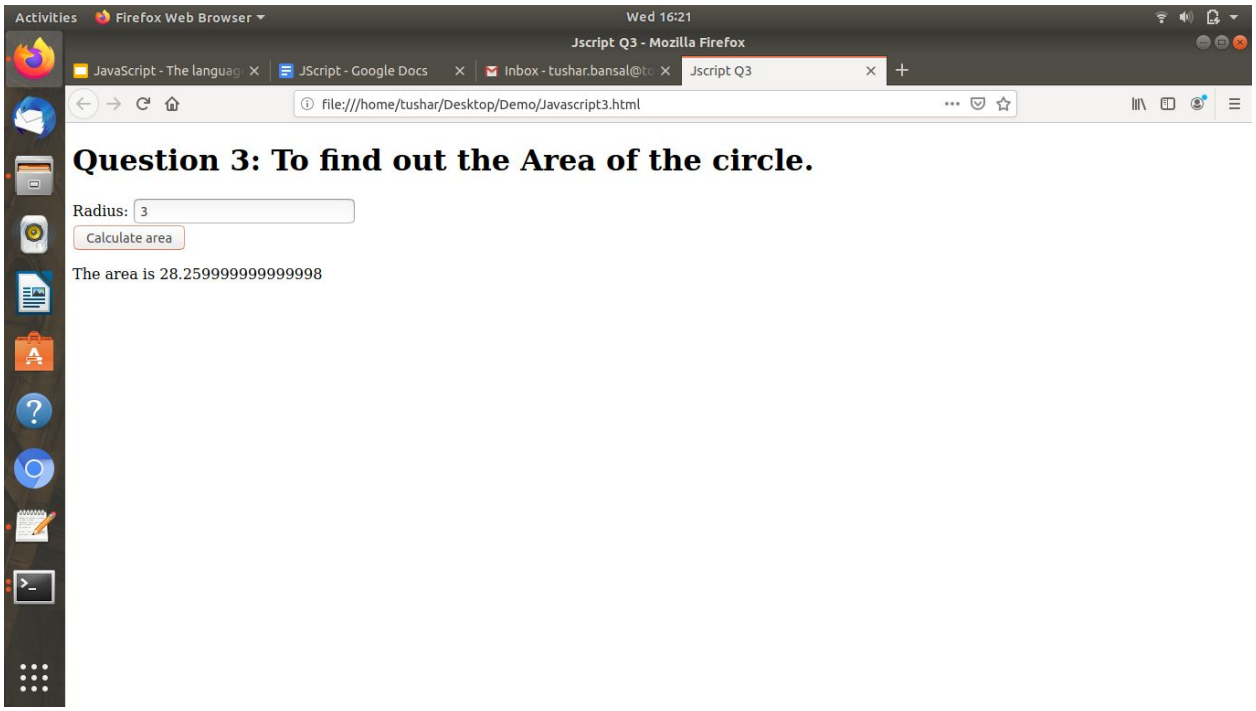


**Q3.Find the area of the circle.**

**Answer:**



**Q4.Copy information of one object to another and log it to console.**

**Answers:**


**Q5.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.**

**Answer:**

```
const Employee={
'name':["Tushar Bansal","x-avier","yung","charu","prateek","harman","ram"],
'age':[20,60,50,14,16,25,55],
'salary':[6000,8000,8500,500,200,500,900],
'DOB':["10-12-1999","22-12-1959","3-3-1969",2-3-2005,1-2-2003,3-4-1994,6-8-1974]

};


console.log("part-1:Javascript to display:name,age,salary,DOB");
for(i=0;i<=6;i++)
{
console.log("
Name-"+Employee.name[i]+",age-"+Employee.age[i]+",salary-"+Employee.salary[i]+",DOB-"+E
mployee.DOB[i]);
}




console.log("part-2:Javascript to filter the employees with salary >5000");
for(i=0;i<=6;i++)
{
if(Employee.salary[i]>5000)
{
console.log("
Name-"+Employee.name[i]+",age-"+Employee.age[i]+",salary-"+Employee.salary[i]+",DOB-"+E
mployee.DOB[i]);
}
}


console.log("part-3:group employee on the basis of their age");
for(i=0;i<=6;i++)
{
if(Employee.age[i]<=18)
console.log("  "+Employee.name[i]+" has age"+Employee.age[i]+",so is a teenager");
else if(Employee.age[i]>18 && Employee.age[i]<=40)
```

```
console.log("  "+Employee.name[i]+" has age"+Employee.age[i]+",so is an adult");
else if(Employee.age[i]>40)
console.log("  "+Employee.name[i]+" has age"+Employee.age[i]+",so is old");
}
console.log("part-4:fetch employees with salary less than 1000 and age greater than 20. Then
give them an increment 5 times their salary.");
for(i=0;i<=6;i++)
{
if(Employee.salary[i]<1000 && Employee.age[i]>=20)
{
console.log("   Employee name: "+Employee.name[i]+" has old salary:
"+Employee.salary[i]+"incremented salary"+5*(Employee.salary[i]));
}
}
```