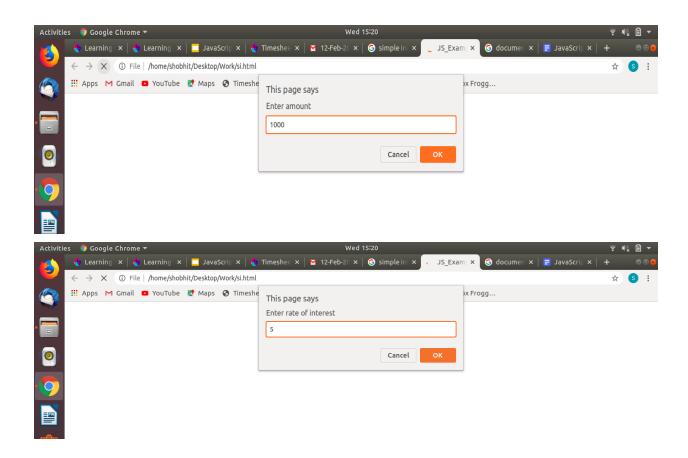
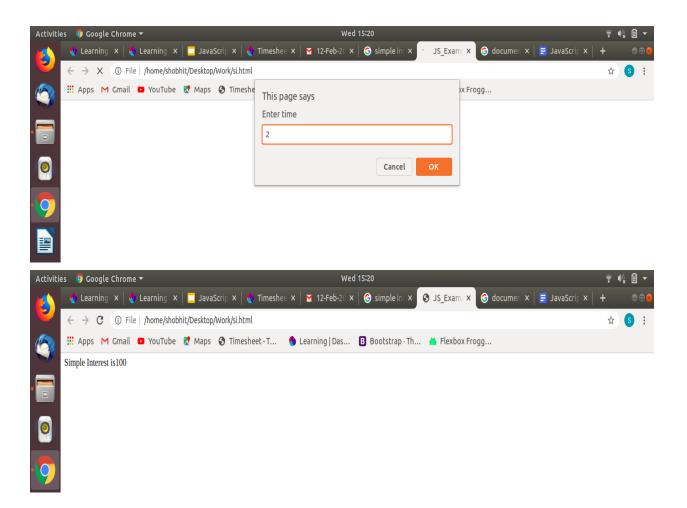
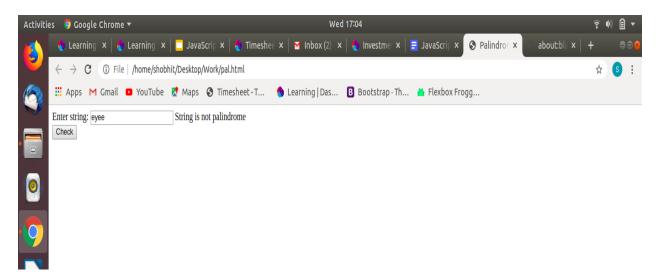
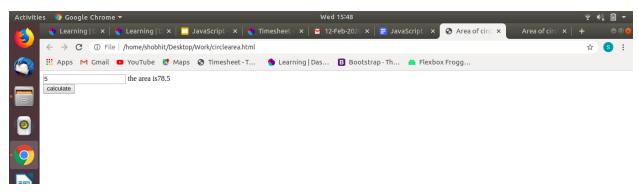
```
<!DOCTYPE html>
<html>
  <head>
       <title>JS_Example</title>
       <script>
           let a=prompt("Enter amount");
           let r=prompt("Enter rate of interest");
           let t=prompt("Enter time");
           let si=(a*r*t)/100;
           document.write("Simple Interest is"+si);
       </script>
  </head>
   <body>
       <span id="res"></span>
   </body>
</html>
```



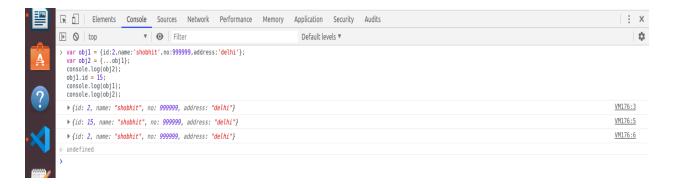




```
<!Doctype html>
<html>
<head>
<title>Area of circle</title>
<script>
  function calc(){
  var rad=document.getElementById('input').value;
  var area =3.14*(rad*rad);
```



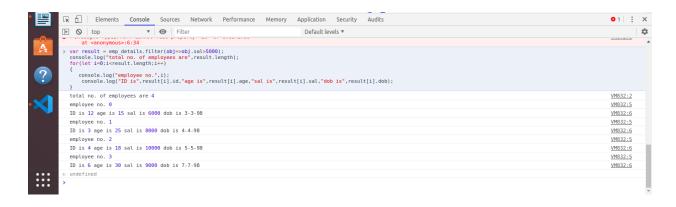
```
var obj1 = {id:2,name:'shobhit',no:999999,address:'delhi'};
var obj2 = {...obj1};
console.log(obj2);
obj1.id = 15;
console.log(obj1);
console.log(obj2);
```



a. var emp_details = [{id:1,age:20,sal:2000,dob:'2-2-98'}, {id:12,age:15,sal:6000,dob:'3-3-98'}, {id:3,age:25,sal:8000,dob:'4-4-98'}, {id:4,age:18,sal:10000,dob:'5-5-98'}, {id:5,age:22,sal:4000,dob:'6-6-98'}, {id:6,age:30,sal:9000,dob:'7-7-98'}];

b.

```
var result = emp_details.filter(obj=>obj.sal>5000);
console.log("total no. of employees are",result.length);
for(let i=0;i<result.length;i++)
{
    console.log("employee no.",i);
    console.log("ID is",result[i].id,"age is",result[i].age,"sal is",result[i].sal,"dob is",result[i].dob);
}</pre>
```



c.
const groupData = {};

```
arr1.forEach((val) => {
    if(groupData[val.age]) {
        groupData[val.age].push(val);
        groupData[val.age] = [val];
    }
});
groupData;
       🖟 📶 | Elements Console Sources Network Performance Memory Application Security Audits
                         ▼ | ⊙ | Filter
        ▶ O top
                                                                     Default levels ▼
                                                                                                                                                         Ď.
          arrl.forEach((val) => {
   if(groupData[val.age]) {
     groupData[val.age], ush(val);
   } else {
     groupData[val.age] = [val];
}
          groupData;
          d.
var result = arr1.filter(function(obj){
if(obj.sal<1000 && obj.age>20)
{ console.log(obj);
return obj; }
});
var final = result.map(obj=> ({...obj, sal: obj.sal*5}));
final;
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        ▶ ⊘ top
                         ▼ | ⊙ | Filter
                                                                     Default levels ▼
          var result = arr1.filter(function(obj){
if(obj.sal<1000 && obj.age>20)
           { console.log(obj);
          return obj; }
});
          var final = result.map(obj=> ({...obj, sal: obj.sal*5}));
                                                                                                                                                   VM928:3
          ▶ {id: 1, age: 23, sal: 500, dob: "2-2-98"}
          ▼ [{...}] 📋
           ▶ 0: {id: 1, age: 23, sal: 2500, dob: "2-2-98"}
            ▶__proto__: Array(θ)
```