Exercise

NOTE : I have made seperate js file for each question, named by question no and one html file is made for connection, i have commented out the script link of js for ques 2,3,4 & 5
Here are the attached screenshots.

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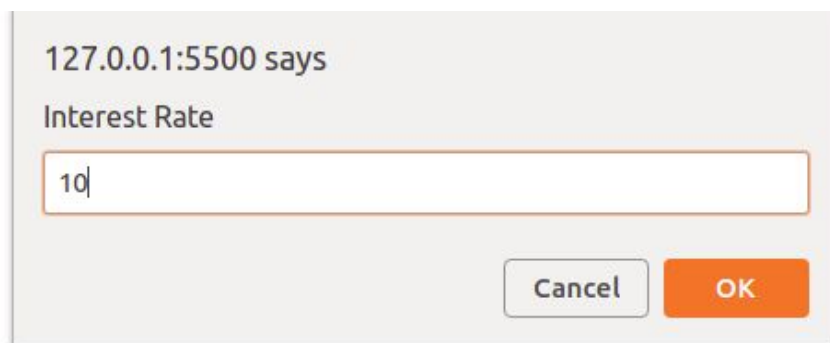
   Ans.

127.0.0.1:5500 says

No. of year

2

Cancel   OK

127.0.0.1:5500 says

Simple Interest:10

OK

2. is palindrome string

Ans.

127.0.0.1:5500 says

enter a string

naman

Cancel   OK

127.0.0.1:5500 says

true

OK

127.0.0.1:5500 says

enter a string

rahul

Cancel   OK

127.0.0.1:5500 says

false

OK

3. Area of circle

Ans.

127.0.0.1:5500 says

enter radius

4

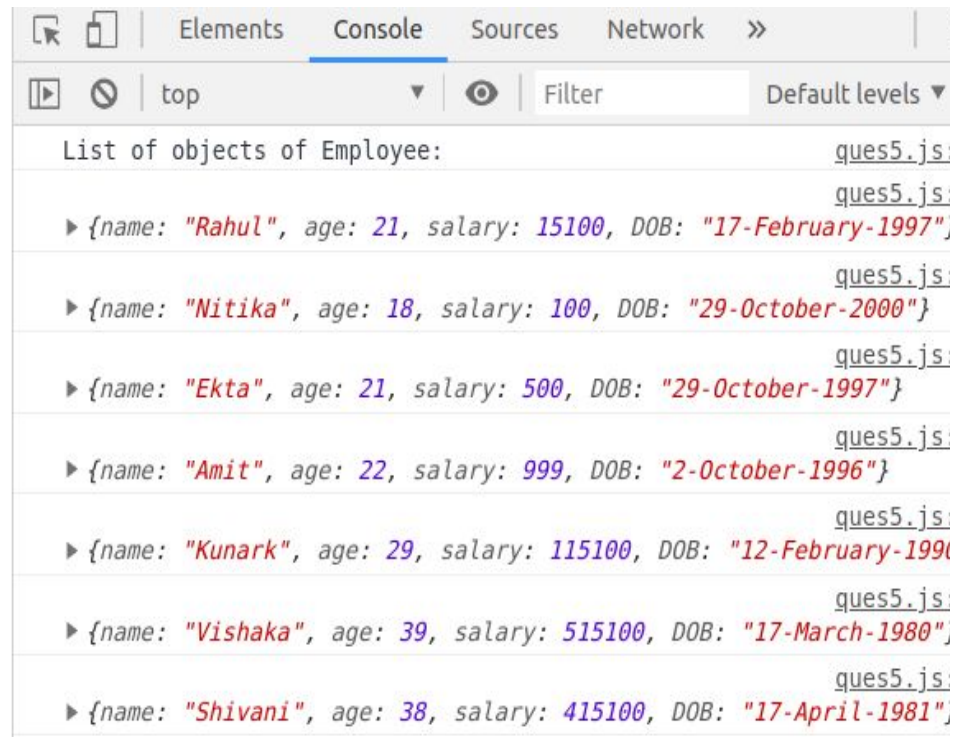Cancel   OK

127.0.0.1:5500 says

Area of circle is:50.24

OK

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

Ans.

Elements	Console	»		⋮	✕

▶ ⊘ | top ▼ | 👁 | Filter | ⚙

Details in object1:	ques4.js:11
Name:Rahul jain	ques4.js:13
id:2	ques4.js:13
arr:2,4,6	ques4.js:13
compitancy:MEAN	ques4.js:13
	ques4.js:16
Details in object2:	
Name:Rahul jain	ques4.js:18
id:2	ques4.js:18
arr:2,4,6	ques4.js:18
compitancy:MEAN	ques4.js:18

>

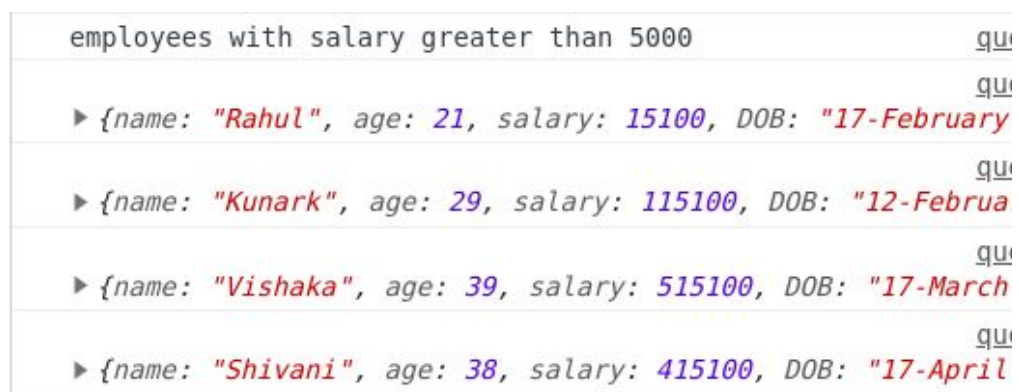5. create a list of objects of Employee with info as follow :
    o   Name, age, salary ,DOB

```
Elements   Console   Sources   Network   »

top                    ▼  ◉  Filter          Default levels ▼

List of objects of Employee:                        ques5.js

                                                    ques5.js
▶ {name: "Rahul", age: 21, salary: 15100, DOB: "17-February-1997"}

                                                    ques5.js
▶ {name: "Nitika", age: 18, salary: 100, DOB: "29-October-2000"}

                                                    ques5.js
▶ {name: "Ekta", age: 21, salary: 500, DOB: "29-October-1997"}

                                                    ques5.js
▶ {name: "Amit", age: 22, salary: 999, DOB: "2-October-1996"}

                                                    ques5.js
▶ {name: "Kunark", age: 29, salary: 115100, DOB: "12-February-199(

                                                    ques5.js
▶ {name: "Vishaka", age: 39, salary: 515100, DOB: "17-March-1980"}

                                                    ques5.js
▶ {name: "Shivani", age: 38, salary: 415100, DOB: "17-April-1981"}
```

o   filter all employees with salary greater than 5000

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employees with salary greater than 5000              qu

                                                     qu
▶ {name: "Rahul", age: 21, salary: 15100, DOB: "17-February

                                                     qu
▶ {name: "Kunark", age: 29, salary: 115100, DOB: "12-Februa

                                                     qu
▶ {name: "Vishaka", age: 39, salary: 515100, DOB: "17-March

                                                     qu
▶ {name: "Shivani", age: 38, salary: 415100, DOB: "17-April
```

- group employee on the basis of their age.

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grouped by age:                                                    ques5.js:60
Employee in age group of 10 to 20                                  ques5.js:74
                                                                   ques5.js:76
▶ {name: "Nitika", age: 18, salary: 100, DOB: "29-October-2000"}
Employee in age group of 20 to 30                                  ques5.js:79
                                                                   ques5.js:81
▶ {name: "Rahul", age: 21, salary: 15100, DOB: "17-February-1997"}
                                                                   ques5.js:81
▶ {name: "Ekta", age: 21, salary: 500, DOB: "29-October-1997"}
                                                                   ques5.js:81
▶ {name: "Amit", age: 22, salary: 999, DOB: "2-October-1996"}
                                                                   ques5.js:81
  {name: "Kunark", age: 29, salary: 115100, DOB: "12-February-1990"
▶ }
Employee in age group of 30 to 40                                  ques5.js:84
                                                                   ques5.js:86
▶ {name: "Vishaka", age: 39, salary: 515100, DOB: "17-March-1980"}
                                                                   ques5.js:86
▶ {name: "Shivani", age: 38, salary: 415100, DOB: "17-April-1981"}
```

- ○ fetch employees with salary less than 1000 and age greater than 20. Then give them an increment 5 times their salary.

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updated Salaries...                                      ques5.js:97

                                                          ques5.js:99
▶ {name: "Rahul", age: 21, salary: 15100, DOB: "17-February-1997"}

                                                          ques5.js:99
▶ {name: "Nitika", age: 18, salary: 100, DOB: "29-October-2000"}

                                                          ques5.js:99
▶ {name: "Ekta", age: 21, salary: 2500, DOB: "29-October-1997"}

                                                          ques5.js:99
▶ {name: "Amit", age: 22, salary: 4995, DOB: "2-October-1996"}

                                                          ques5.js:99
▶ {name: "Kunark", age: 29, salary: 115100, DOB: "12-February-1990"
  }

                                                          ques5.js:99
▶ {name: "Vishaka", age: 39, salary: 515100, DOB: "17-March-1980"}

                                                          ques5.js:99
▶ {name: "Shivani", age: 38, salary: 415100, DOB: "17-April-1981"}
```