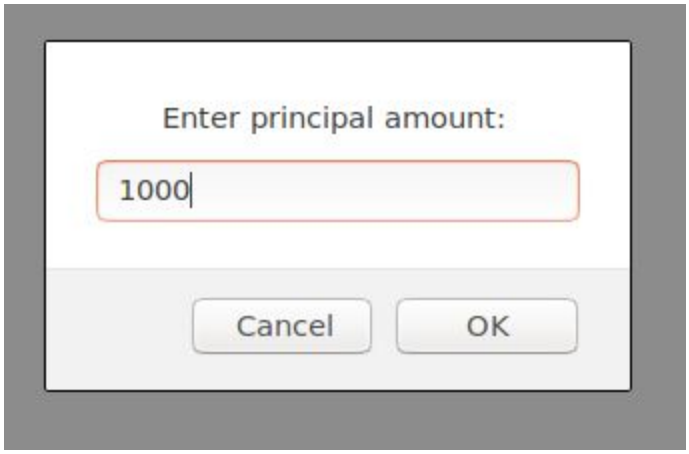
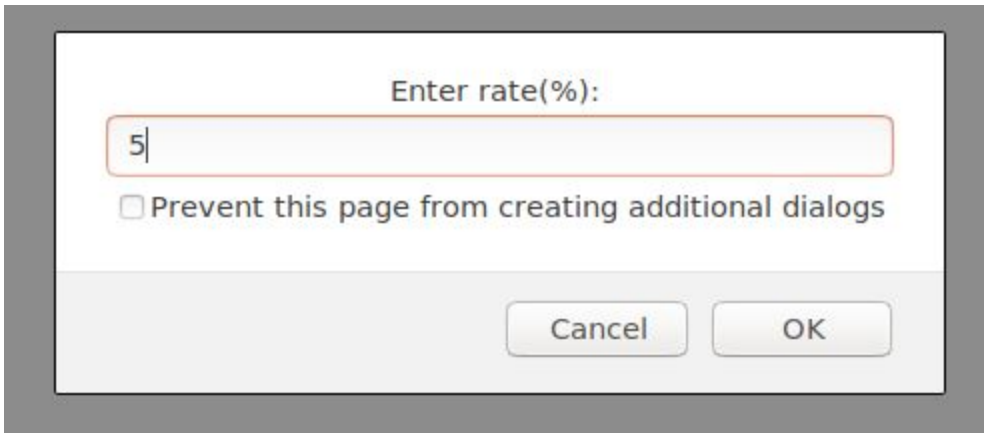
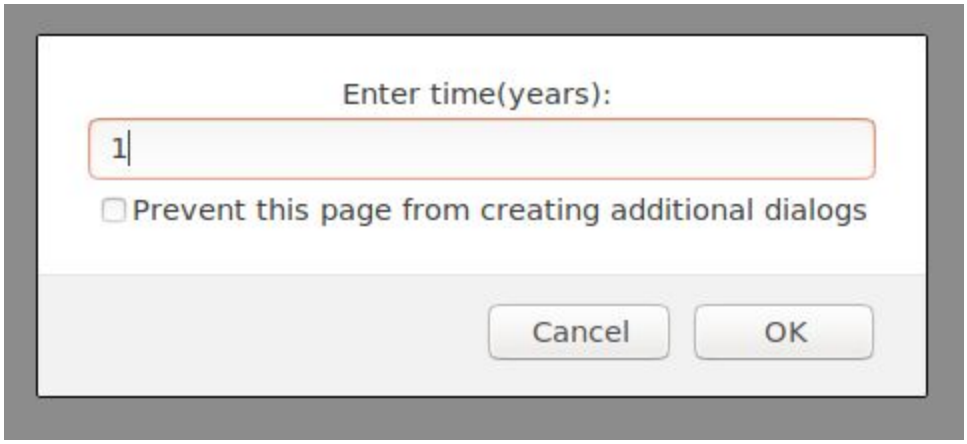
JavaScript Exercise

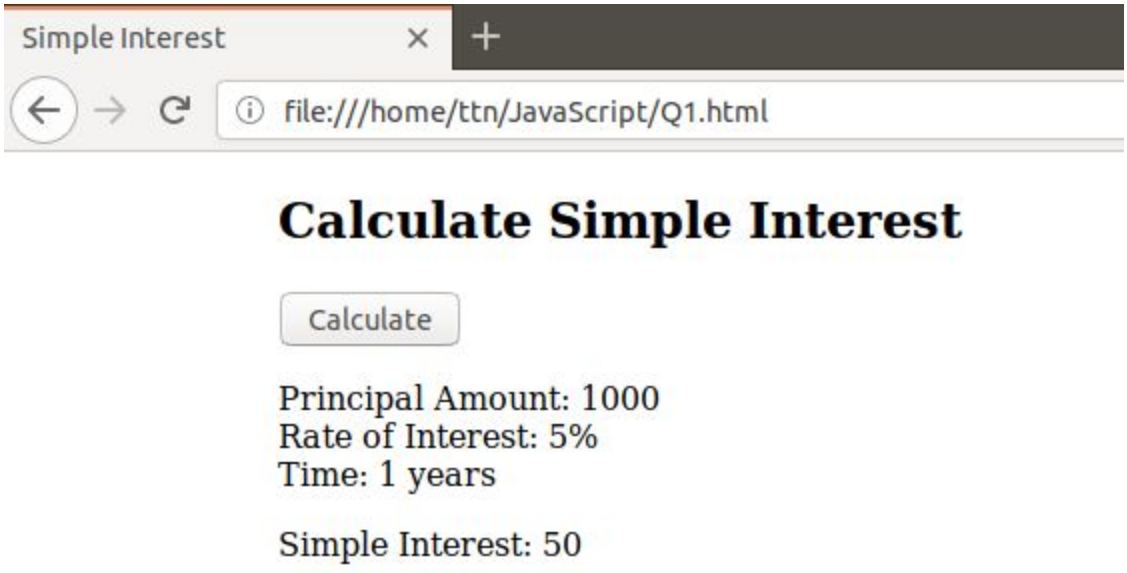
Q1. Prompt for amount, interest rate and no. of years and calculate simple interest.

Solution:



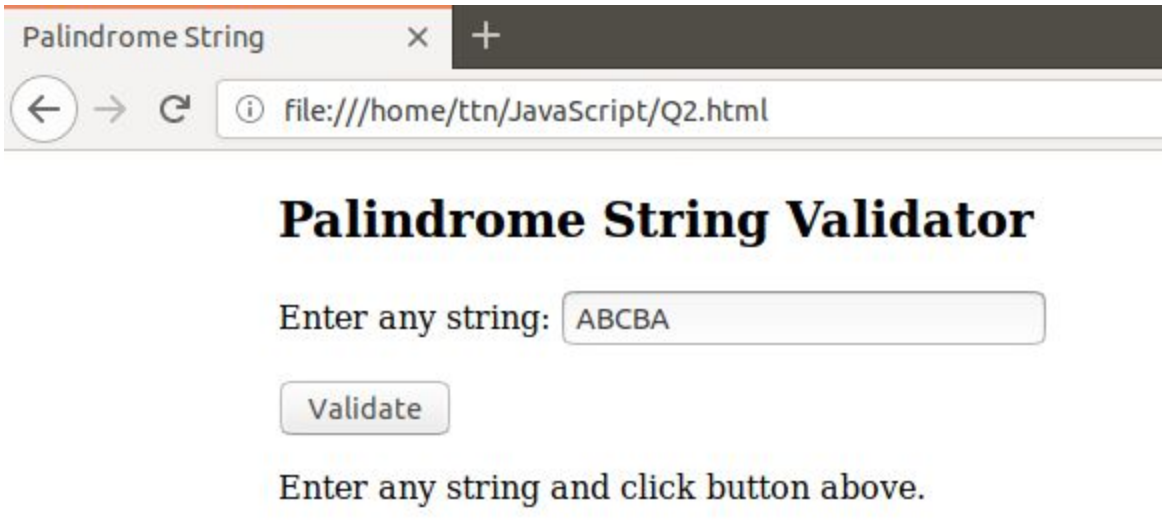






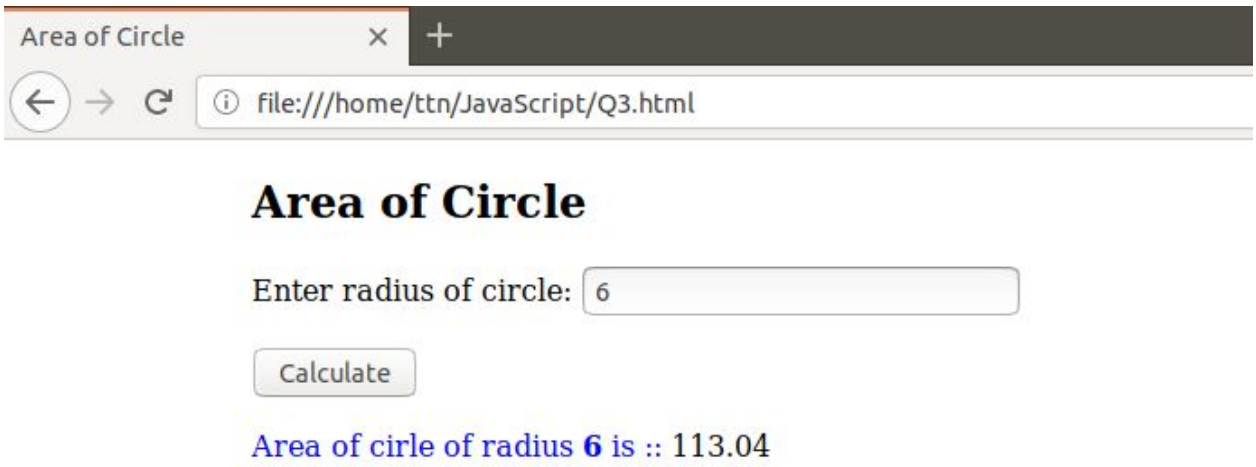
Q2. is palindrome string.

Solution:



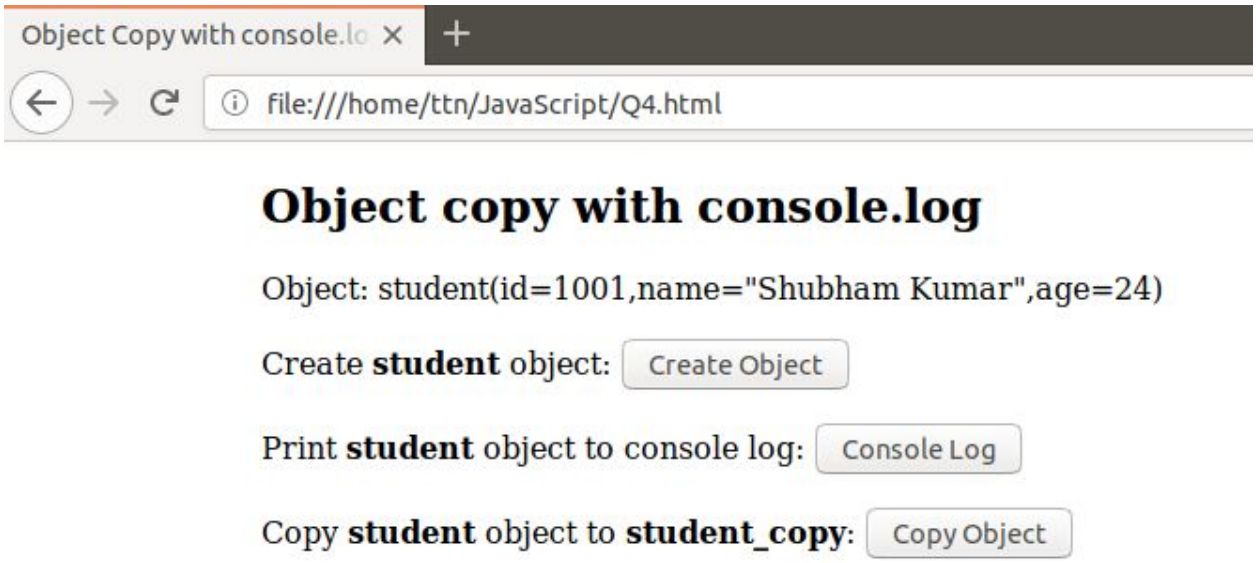
Q3. Area of circle.

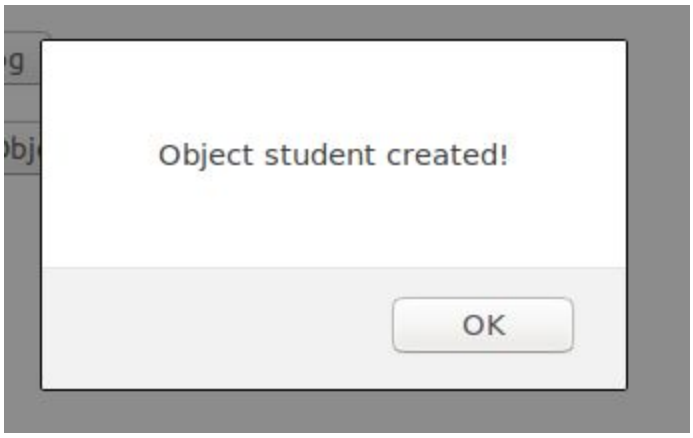
Solution:

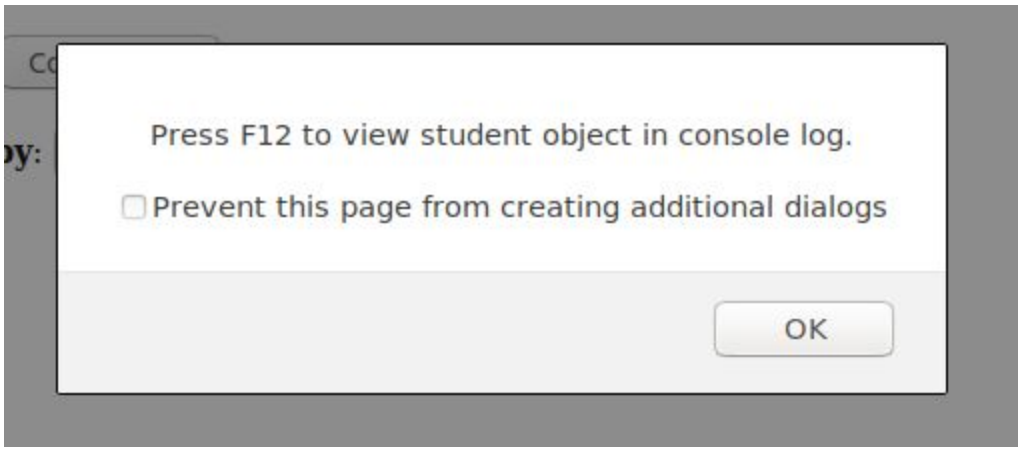


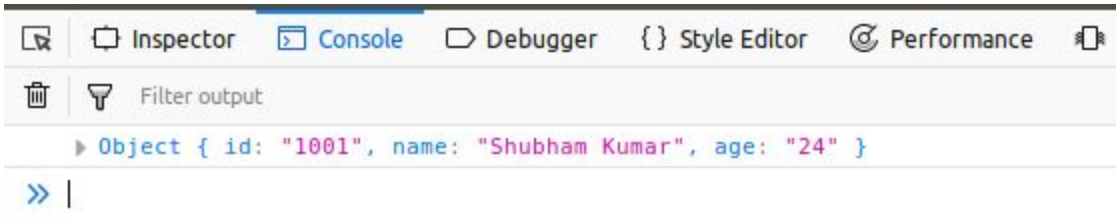
Q4. Copy information of one object to another and log it to console.

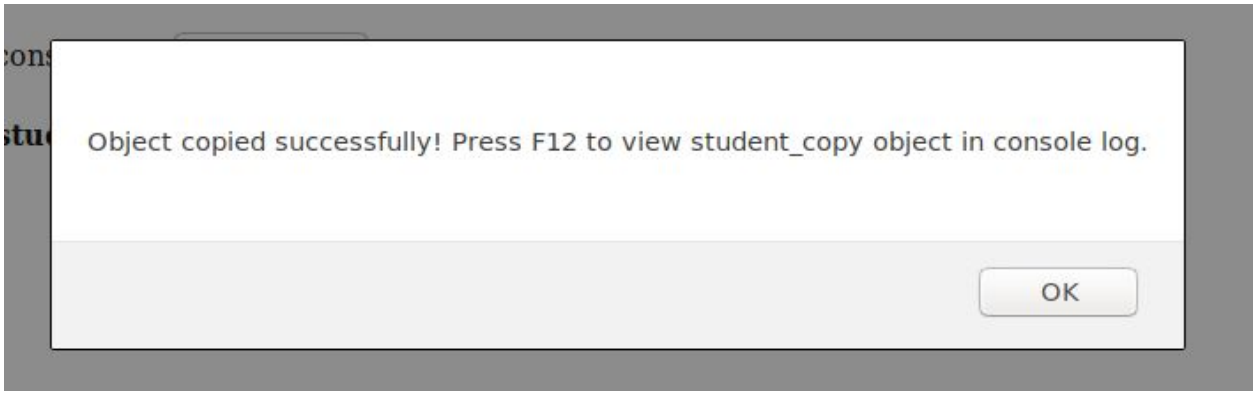
Solution:

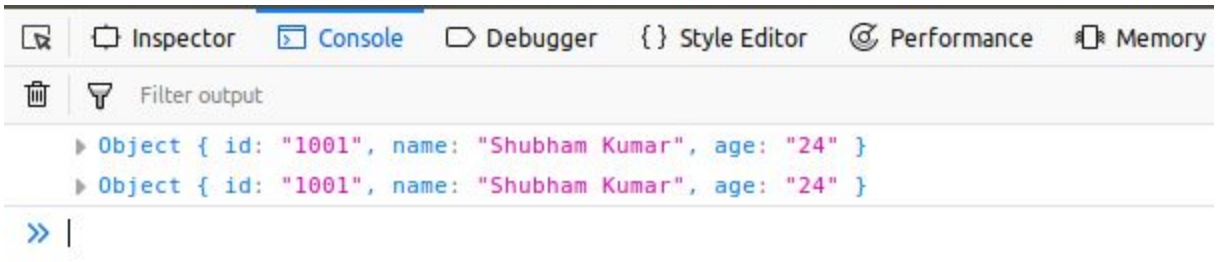








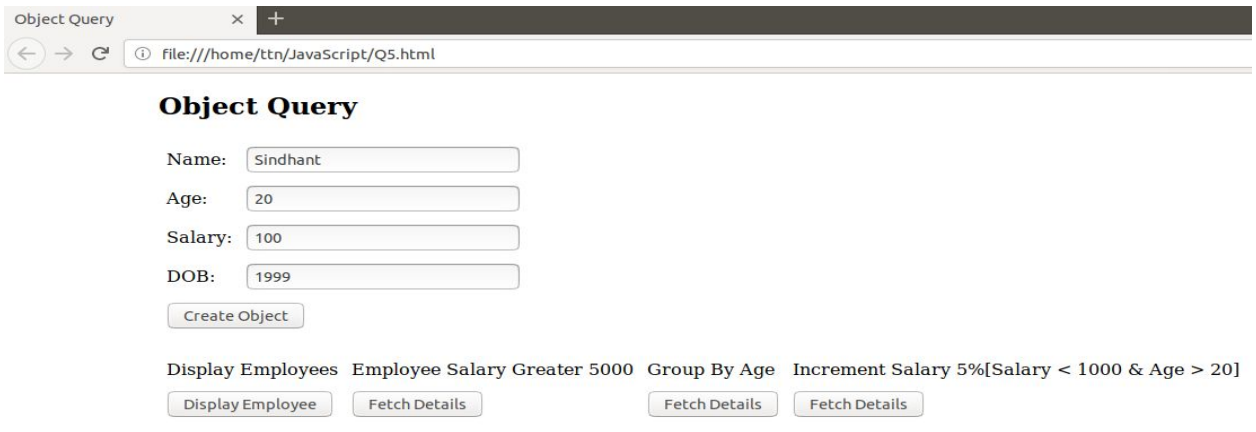


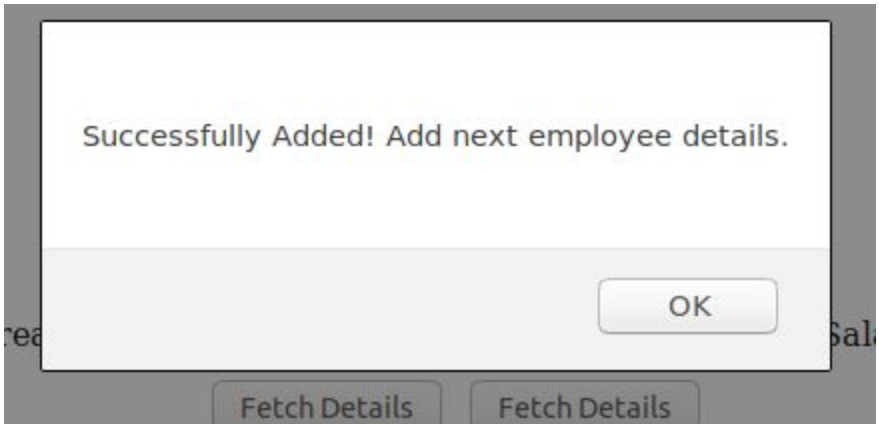


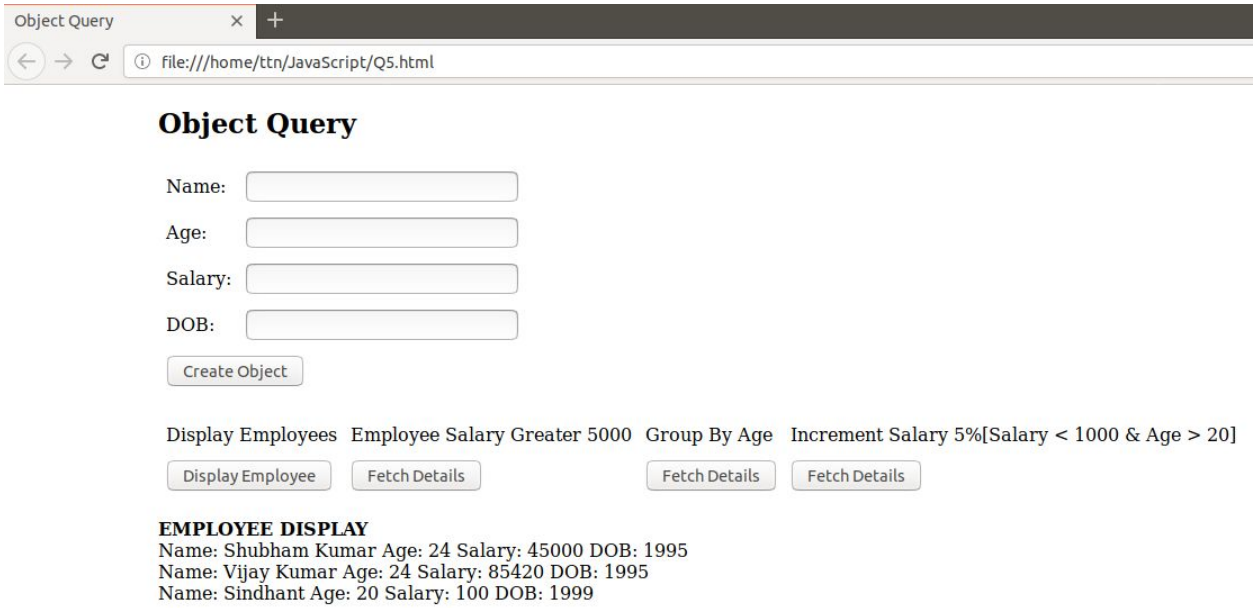
Q5. create a list of objects of Employee with info as follow :

- Name, age, salary ,DOB
- filter all employees with salary greater than 5000
- group employee on the basis of their age
- fetch employees with salary less than 1000 and age greater than 20. Then give them an increment 5 times their salary.

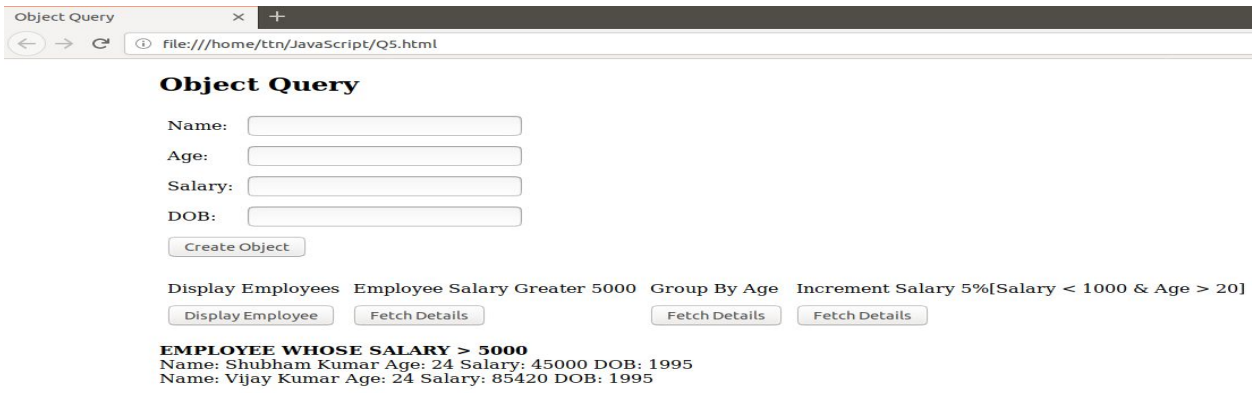
Solution:



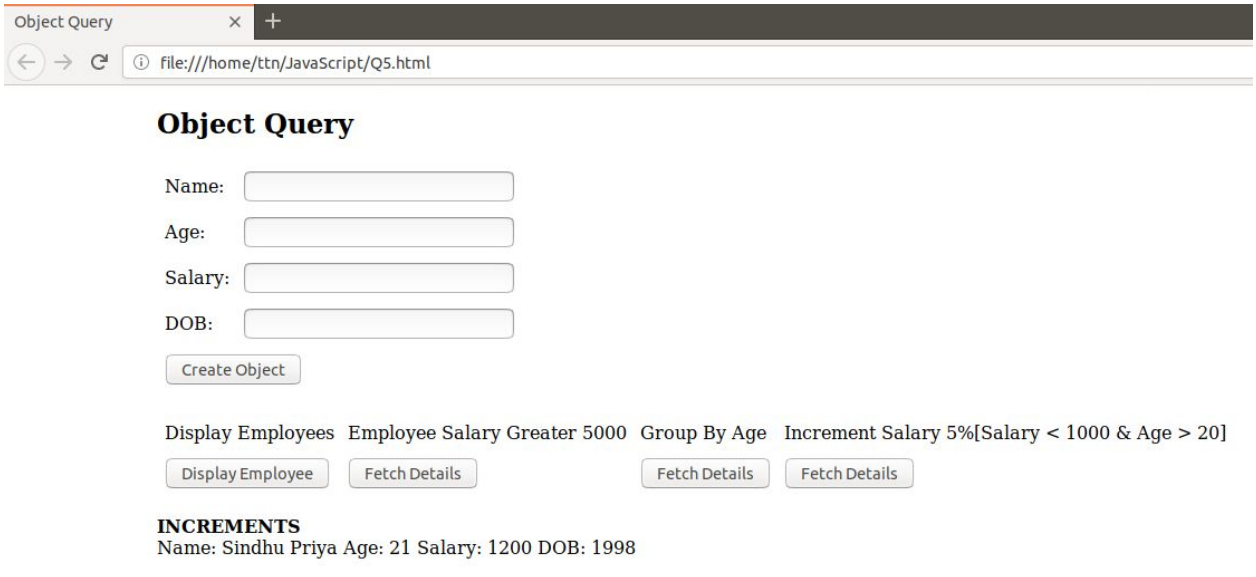

Successfully Added! Add next employee details.
OK
Fetch Details
Fetch Details

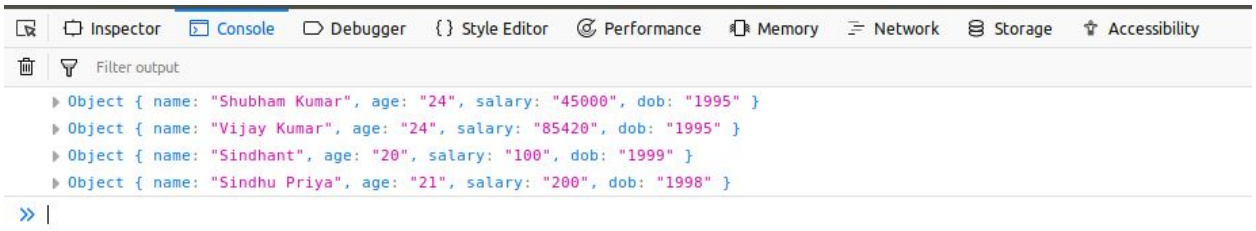

Object Query
file:///home/ttn/JavaScript/Q5.html
Object Query
Name:
Age:
Salary:
DOB:
Create Object
Display Employees
Display Employee
Employee Salary Greater 5000
Fetch Details
Group By Age
Fetch Details
Increment Salary 5%[Salary < 1000 & Age > 20]
Fetch Details
EMPLOYEE DISPLAY
Name: Shubham Kumar Age: 24 Salary: 45000 DOB: 1995
Name: Vijay Kumar Age: 24 Salary: 85420 DOB: 1995
Name: Sindhant Age: 20 Salary: 100 DOB: 1999

Salary > 5000

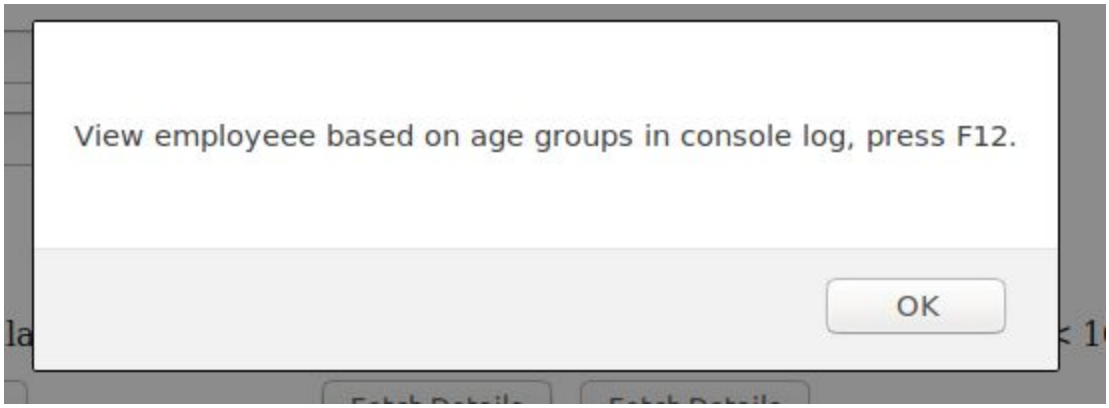

Object Query
file:///home/ttn/JavaScript/Q5.html
Object Query
Name:
Age:
Salary:
DOB:
Create Object
Display Employees
Display Employee
Employee Salary Greater 5000
Fetch Details
Group By Age
Fetch Details
Increment Salary 5%[Salary < 1000 & Age > 20]
Fetch Details
EMPLOYEE WHOSE SALARY > 5000
Name: Shubham Kumar Age: 24 Salary: 45000 DOB: 1995
Name: Vijay Kumar Age: 24 Salary: 85420 DOB: 1995

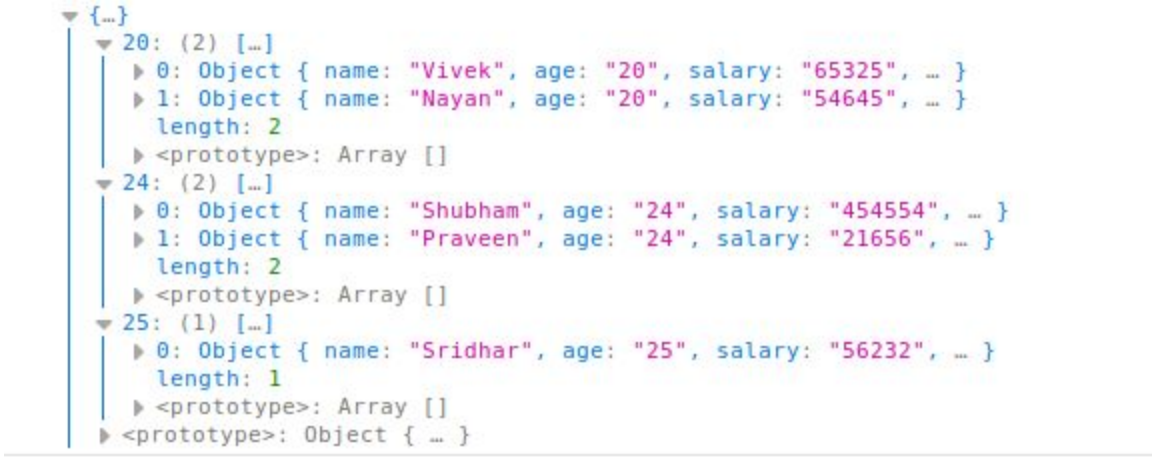
Increment:





GroupBy:




{…}
20: (2) […]
0: Object { name: "Vivek", age: "20", salary: "65325", … }
1: Object { name: "Nayan", age: "20", salary: "54645", … }
length: 2
<prototype>: Array []
24: (2) […]
0: Object { name: "Shubham", age: "24", salary: "454554", … }
1: Object { name: "Praveen", age: "24", salary: "21656", … }
length: 2
<prototype>: Array []
25: (1) […]
0: Object { name: "Sridhar", age: "25", salary: "56232", … }
length: 1
<prototype>: Array []
<prototype>: Object { … }