

## JAVA SCRIPT AND SIMPLE DATA:

### EMPLOYEE DATA:

- ID
- NAME
- GENDER
- JOB
- SALARY
- EMAIL

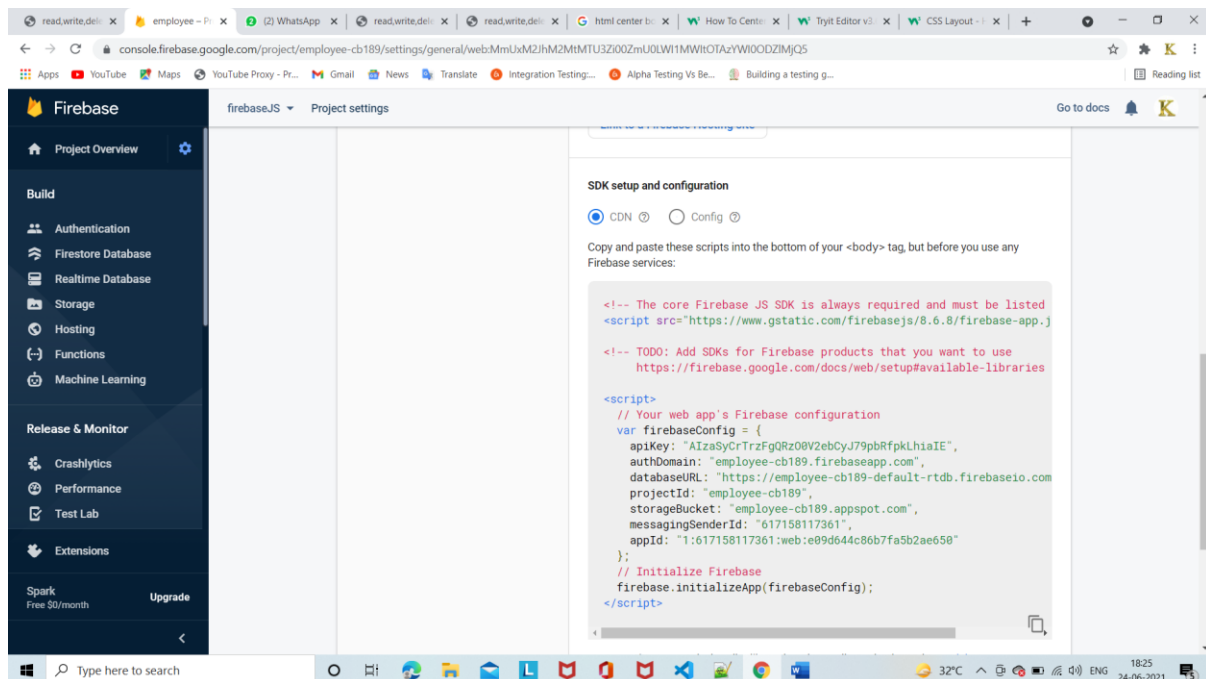
### INFORMATION GIVEN DATA.

### CLOUD DATABASE:

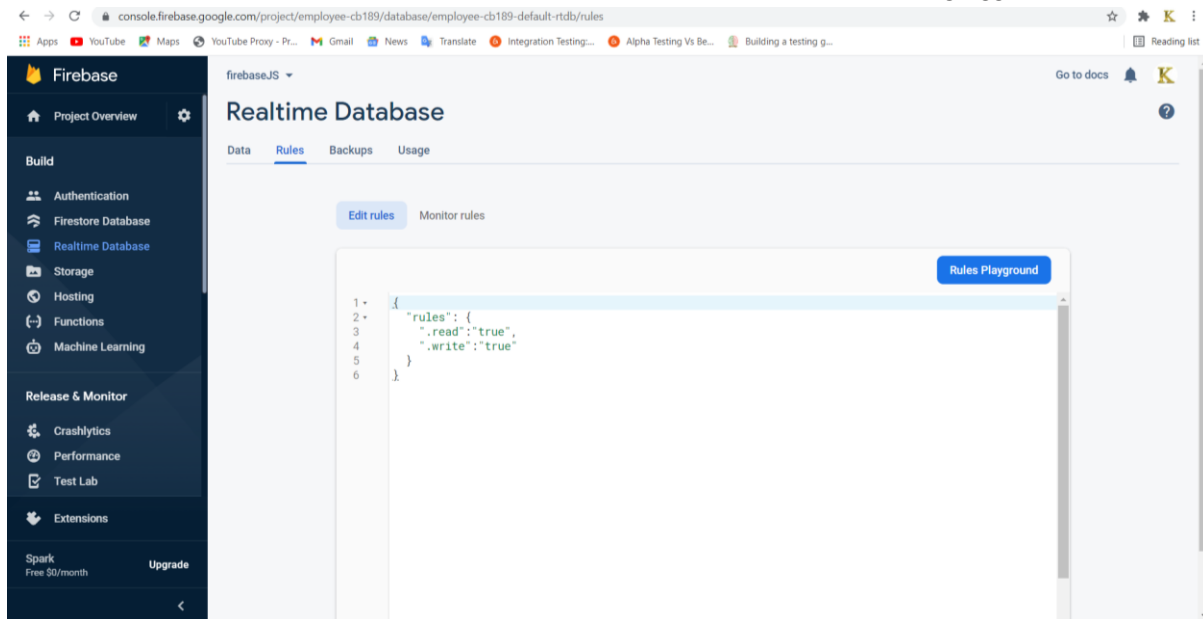
### FIREBASE CLOUD:

Cloud Functions for Firebase is a serverless framework that lets you automatically run backend code in response to events triggered by Firebase features and HTTPS requests. Your JavaScript or TypeScript code is stored in Google's cloud and runs in a managed environment. There's no need to manage and scale your own servers.

### PROJECT SETTINGS



### REALTIME DATABASE:



## PROGRAM:

<html>

<head>

<meta name="viewport" content="width=device-width, initial-scale=1">

<style>

body {

background: #555;

}

.content {

max-width: 500px;

margin: auto;

background: greenyellow;

```
padding: 10px;
text-align:center;
}
</style>
</head>
<body style="background-color:powderblue;">
  <center><h1> Insert Update Delete Firebase</h1></center>

  <div class="content">

    Id<input id="Idbox", type="text"></input><br><br>
    Name<input id="Namebox", type="text"></input><br><br>
    Job<input id="Jobbox", type="text"></input><br><br>
    Gender<input id="Genbox", type="text"></input><br><br>
    Salary<input id="Salarybox", type="text"></input><br><br>
    Email<input id="Emailbox", type="text"></input><br><br>

    <br><br>
    <button id="insert">Insert</button>
    <button id="select">Select</button>
    <button id="update">Update</button>
    <button id="delete">Delete</button>
  </div>
</center>

  <!--Firebase Libraries-->

  <script src="https://www.gstatic.com/firebasejs/8.6.7/firebase-
app.js"></script>
```

```
<script src="https://www.gstatic.com/firebasejs/8.6.7/firebase-auth.js"></script>
```

```
<script src="https://www.gstatic.com/firebasejs/8.6.7/firebase-database.js"></script>
```

```
<script id="MainScript">
```

```
// Your web app's Firebase configuration
```

```
var firebaseConfig = {
```

```
  apiKey: "AIzaSyCrTrzFgQRzO0V2ebCyJ79pbRfpkLhiaIE",
```

```
  authDomain: "employee-cb189.firebaseio.com",
```

```
  projectId: "employee-cb189",
```

```
  storageBucket: "employee-cb189.appspot.com",
```

```
  messagingSenderId: "617158117361",
```

```
  appId: "1:617158117361:web:e09d644c86b7fa5b2ae650"
```

```
};
```

```
// Initialize Firebase
```

```
// Initialize Firebase
```

```
firebase.initializeApp(firebaseConfig);
```

```
var idV,nameV,jobV,genV,salaryV,emailV;
```

```
function Ready()
```

```
{
```

```
  idV=document.getElementById('Idbox').value;
```

```
  nameV=document.getElementById('Namebox').value;
```

```
  jobV=document.getElementById('Jobbox').value;
```

```
  genV=document.getElementById('Genbox').value;
```

```
  salaryV=document.getElementById('Salarybox').value;
```

```
emailV=document.getElementById('Emailbox').value;
```

```
}
```

```
//insert//
```

```
document.getElementById('insert').onclick=function()
```

```
{
```

```
    Ready();
```

```
    firebase.database().ref('employee/'+idV).set({
```

```
        Name:nameV,
```

```
        Job:jobV,
```

```
        gender:genV,
```

```
        salary:salaryV,
```

```
        email:emailV
```

```
    });
```

```
    alert("insert successfully");
```

```
}
```

```
//select//
```

```
document.getElementById('select').onclick=function()
```

```
{
```

```
    Ready();
```

```
    firebase.database().ref('employee/'+idV).on('value',function(snapshot){
```

```
        document.getElementById('Namebox').value=snapshot.val().Name;
```

```
        document.getElementById('Jobbox').value=snapshot.val().Job;
```

```
        document.getElementById('Genbox').value=snapshot.val().gender;
```

```
        document.getElementById('Salarybox').value=snapshot.val().salary;
```

```
        document.getElementById('Emailbox').value=snapshot.val().email;
```

```
});  
}  
  
//update//  
document.getElementById('update').onclick=function()  
{  
    Ready();  
    firebase.database().ref('employee/'+idV).update({  
        Name:nameV,  
        Job:jobV,  
        gender:genV,  
        salary:salaryV,  
        email:emailV  
    });  
    alert("update successfully");  
}  
  
//delete//  
document.getElementById('delete').onclick=function()  
{  
    Ready();  
    firebase.database().ref('employee/'+idV).remove();  
  
    alert("delete successfully");  
}
```

```
</script>
```

```
</body>
```

```
</html>
```

```
<html>

  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1">
  <style>
body {
  background: #555;
}

.content {
  max-width: 500px;
  margin: auto;
  background: greenyellow;
  padding: 10px;
  text-align:center;
}
</style>
  </head>
  <body style="background-color:powderblue;">
    <center><h1> Insert Update Delete Firebase</h1></center>

    <div class="content">

      Id<input id="Idbox", type="text"></input><br><br>
      Name<input id="Namebox", type="text"></input><br><br>
      Job<input id="Jobbox", type="text"></input><br><br>
      Gender<input id="Genbox", type="text"></input><br><br>
      Salary<input id="Salarybox", type="text"></input><br><br>
      Email<input id="Emailbox", type="text"></input><br><br>
```

```
<br><br>
<button id="insert">Insert</button>
<button id="select">Select</button>
<button id="update">Update</button>
<button id="delete">Delete</button>
</div>
</center>
<!--Firebase Libraries-->
<script src="https://www.gstatic.com/firebasejs/8.6.7/firebase-
app.js"></script>
<script src="https://www.gstatic.com/firebasejs/8.6.7/firebase-
auth.js"></script>
<script src="https://www.gstatic.com/firebasejs/8.6.7/firebase-
database.js"></script>

<script id="MainScript">
  // Your web app's Firebase configuration
  var firebaseConfig = {
    apiKey: "AIzaSyCrTrzFgQRzO0V2ebCyJ79pbRfpkLhiaIE",
    authDomain: "employee-cb189.firebaseio.com",
    projectId: "employee-cb189",
    storageBucket: "employee-cb189.appspot.com",
    messagingSenderId: "617158117361",
    appId: "1:617158117361:web:e09d644c86b7fa5b2ae650"
  };
  // Initialize Firebase
  // Initialize Firebase
  firebase.initializeApp(firebaseConfig);

var idV,nameV,jobV,genV,salaryV,emailV;
function Ready()
{
  idV=document.getElementById('Idbox').value;
  nameV=document.getElementById('Namebox').value;
  jobV=document.getElementById('Jobbox').value;
  genV=document.getElementById('Genbox').value;
  salaryV=document.getElementById('Salarybox').value;
  emailV=document.getElementById('Emailbox').value;
```



```
}  
//insert//  
document.getElementById('insert').onclick=function()  
{  
  Ready();  
  firebase.database().ref('employee/'+idV).set({  
    Name:nameV,  
    Job:jobV,  
    gender:genV,  
    salary:salaryV,  
    email:emailV  
  });  
  alert("insert successfully");  
}  
//select//  
document.getElementById('select').onclick=function()  
{  
  Ready();  
  firebase.database().ref('employee/'+idV).on('value',function(snapshot){  
    document.getElementById('Namebox').value=snapshot.val().Name;  
    document.getElementById('Jobbox').value=snapshot.val().Job;  
    document.getElementById('Genbox').value=snapshot.val().gender;  
    document.getElementById('Salarybox').value=snapshot.val().salary;  
    document.getElementById('Emailbox').value=snapshot.val().email;  
  
  });  
}  
//update//  
document.getElementById('update').onclick=function()  
{  
  Ready();  
  firebase.database().ref('employee/'+idV).update({  
    Name:nameV,  
    Job:jobV,  
    gender:genV,  
    salary:salaryV,  
    email:emailV  
  });  
  alert("update successfully");  
}  
//delete//  
document.getElementById('delete').onclick=function()
```

```
{  
  Ready();  
  firebase.database().ref('employee/'+idV).remove();  
  
  alert("delete successfully");  
}  
  
</script>  
  
</body>  
</html>
```

## OUTPUT:

## INSERT:

## INSERT TO THE DATA

Insert Update Delete Firebase

Id	15
Name	SIVA
Job	SOFTWARE DEVELOPER
Gender	MALE
Salary	80000
Email	siva@gmail.com

← → ↻ File | C:/Users/91876/Desktop/firebase/employee.html

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This page says  
insert successfully

testing g... Reading list

# Insert Employee

Id

Name

Job

Gender

Salary

Email

Firestore

Project Overview

Build

- Authentication
- Firestore Database
- Realtime Database
- Storage
- Hosting
- Functions
- Machine Learning

Release & Monitor

- Crashlytics
- Performance
- Test Lab

Extensions

Spark  
Free \$0/month Upgrade

employee ▼

## Realtime Database

Data Rules Backups Usage

Protect your Realtime Database resources from abuse, such as billing fraud or phishing [Configure App Check](#)

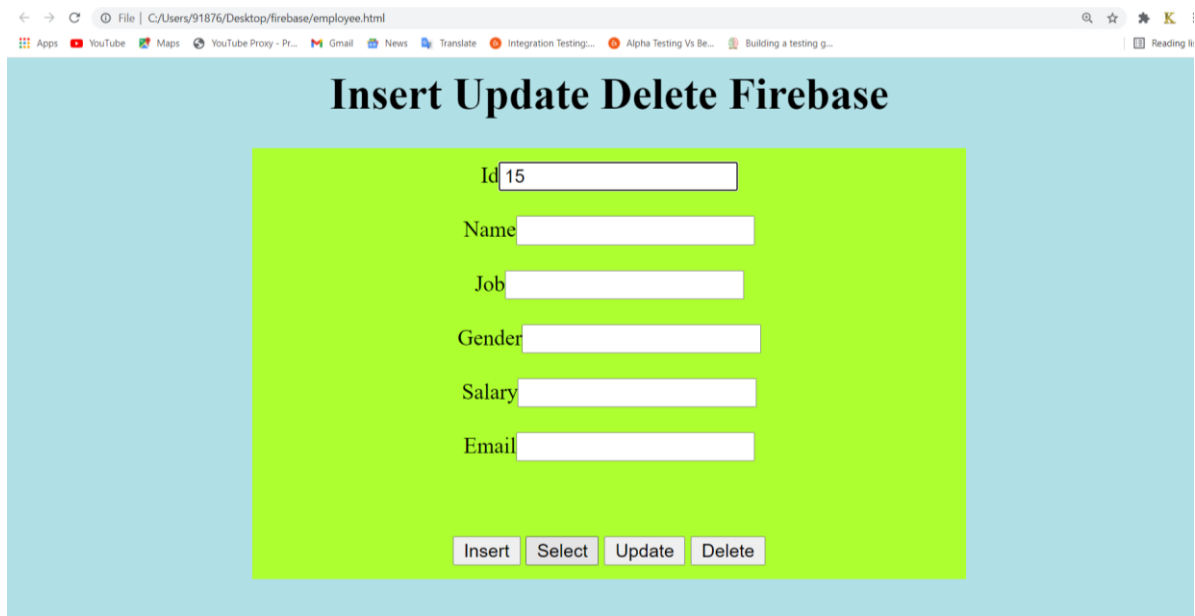
<https://employee-cb189-default-rtdb.firebaseio.com/>

```
employee-cb189-default-rtdb
├── employee
│   ├── 5
│   │   ├── Job: "software engineer"
│   │   ├── Name: "karthi R"
│   │   ├── email: "karthi@gmail.com"
│   │   ├── gender: "male"
│   │   └── salary: "100000"
│   └── 15
│       ├── Job: "SOFTWARE DEVELOPER"
│       ├── Name: "SIVA"
│       ├── email: "siva@gmail.com"
│       ├── gender: "MALE"
│       └── salary: "80000"
```

**SELECT :**

RETRIVE TO THE DATA

USING UPDATE AND DELETE.



Insert Update Delete Firebase

Id 15

Name

Job

Gender

Salary

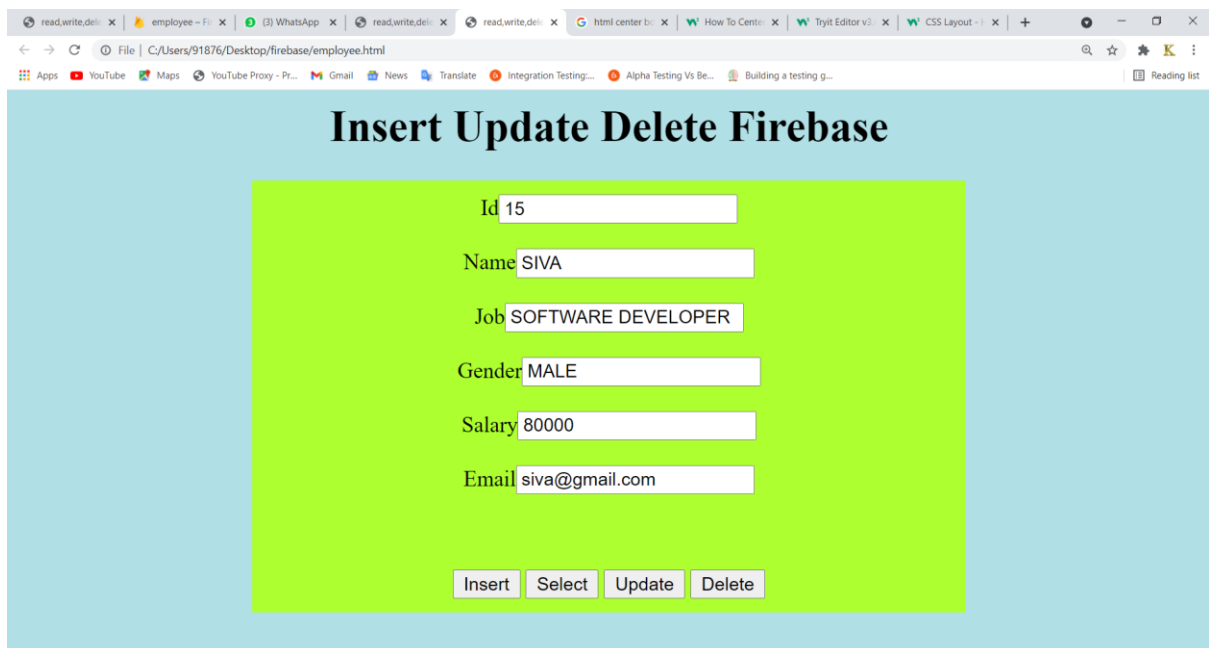
Email

Insert Select Update Delete

**RETRIVE TO THE DATA:**

ID INPUT GIVEN RETRIVE OTHER INPUT DATA.

**ID :15**



Insert Update Delete Firebase

Id 15

Name SIVA

Job SOFTWARE DEVELOPER

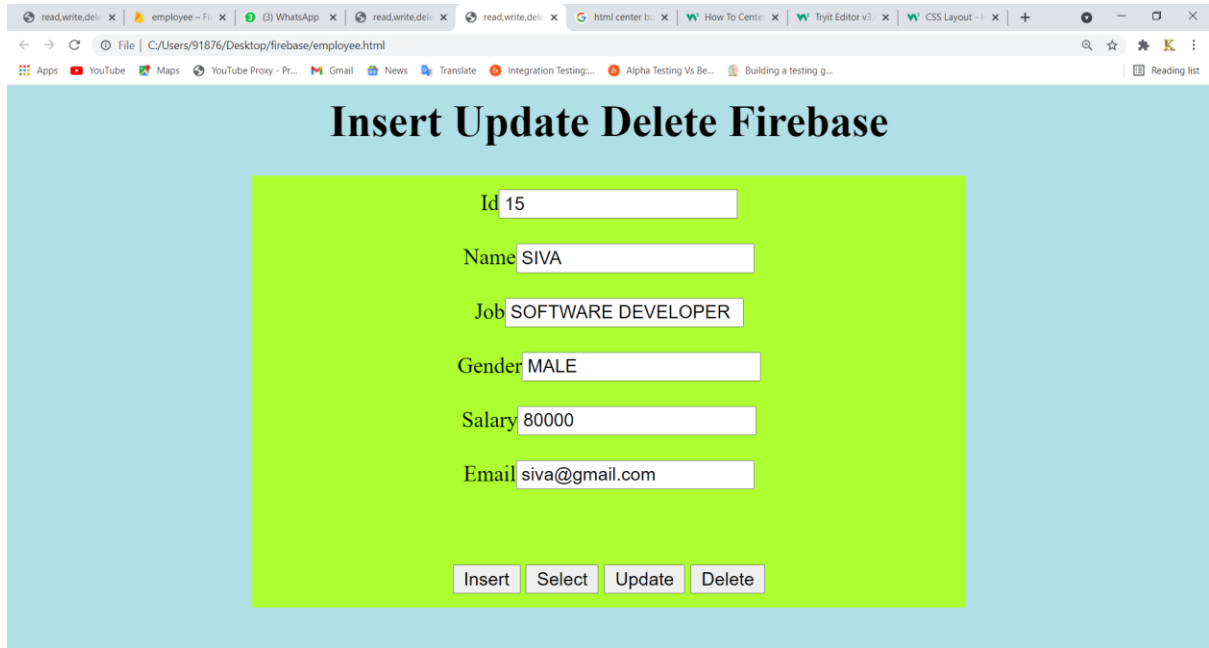
Gender MALE

Salary 80000

Email siva@gmail.com

Insert Select Update Delete

**UPDATE:**



read.write,deli... x employee - Fi... x (3) WhatsApp x read.write,deli... x read.write,deli... x html center b... x W How To Cente... x W Tryit Editor v3... x W CSS Layout -... x + - □ ×

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## Insert Update Delete Firebase

Id 15

Name SIVA

Job SOFTWARE DEVELOPER

Gender MALE

Salary 80000

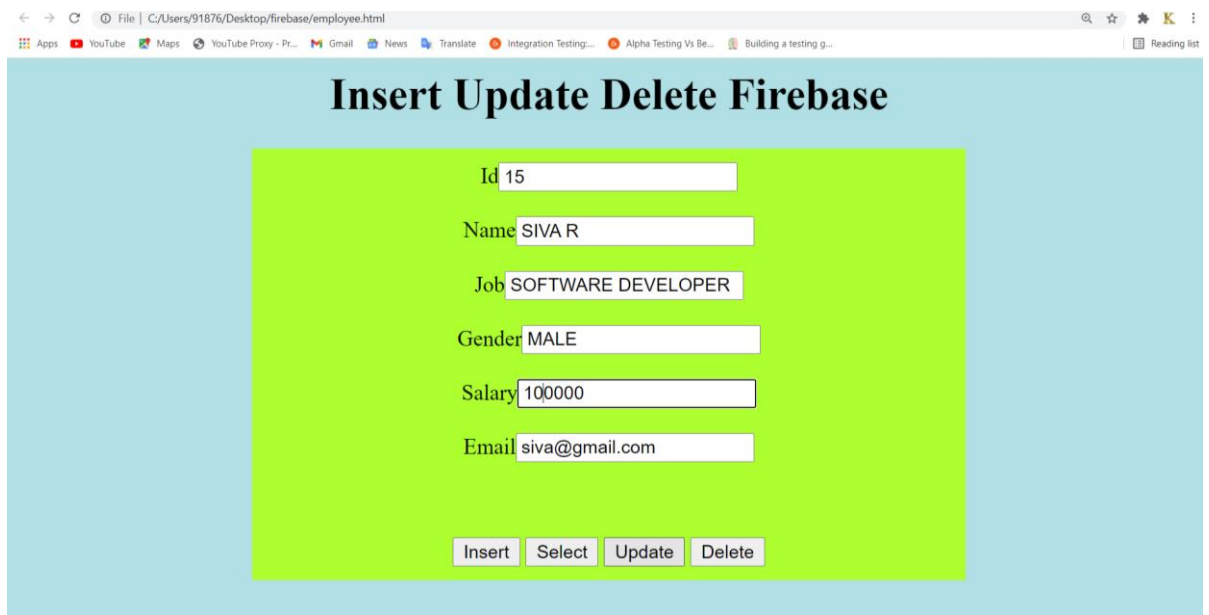
Email siva@gmail.com

Insert Select Update Delete

## UPDATE CHANGE THE DATA

**NAME: SIVA R**

**SALARY:100000**



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## Insert Update Delete Firebase

Id 15

Name SIVA R

Job SOFTWARE DEVELOPER

Gender MALE

Salary 100000

Email siva@gmail.com

Insert Select Update Delete

Insert

Id

Name

Job

Gender

Salary

Email

This page says update successfully

Realtime Database

employee

```
employee-cb189-default-rtdb
├── 5
│   ├── Job: "software engineer"
│   ├── Name: "karthi R"
│   ├── email: "karthi@gmail.com"
│   ├── gender: "male"
│   └── salary: "100000"
└── 15
    ├── Job: "SOFTWARE DEVELOPER"
    ├── Name: "SIVA R"
    ├── email: "siva@gmail.com"
    ├── gender: "MALE"
    └── salary: "100000"
```

**DELETE:**

**RETRIVE DATA:**

**ID:5**

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## Insert Update Delete Firebase

Id

5

Name

Job

Gender

Salary

Email

Insert

Select

Update

Delete

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## Insert Update Delete Firebase

Id

5

Name

karthi R

Job

software engineer

Gender

male

Salary

100000

Email

karthi@gmail.com

Insert

Select

Update

Delete

**DELETE TO THE DATA**

**ID :5**

File | C:/Users/91876/Desktop/firebase/employee.html

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## Insert Update Delete Firebase

Id

5

Name

karthi R

Job

software engineer

Gender

male

Salary

100000

Email

karthi@gmail.com

Insert

Select

Update

Delete

File | C:/Users/91876/Desktop/firebase/employee.html

Apps YouTube Maps YouTube Proxy - Pr... Gmail News Translate Integration Testing... Alpha Testing Vs Be... Building a testing g... Reading list

## Insert Update Delete Firebase

Id

5

Name

karthi R

Job

software engineer

Gender

male

Salary

100000

Email

karthi@gmail.com

Insert

Select

Update

Delete

This page says  
delete successfully

OK



The screenshot displays the Firebase Realtime Database console. The left sidebar shows the project overview and various services. The main area shows the 'Realtime Database' for the 'employee' project. A data snapshot is visible for the 'employee' node, showing a list of employee records. The first record is for 'SIVA R' with a salary of 100000. The database location is set to 'United States (us-central1)'.

URL: <https://employee-cb189-default-rtdb.firebaseio.com/>

Database location: United States (us-central1)

```
employee-cb189-default-rtdb
├── employee
│   └── 15
│       ├── Job: "SOFTWARE DEVELOPER"
│       ├── Name: "SIVA R"
│       ├── email: "siva@gmail.com"
│       ├── gender: "MALE"
│       └── salary: "100000"
```