```python
from logging import exception
import pymysql
from flask import Flask, render_template, request, redirect, url_for
from flask_mysqldb import MySQL

con=None
cur=None

myflask=Flask(__name__)

def connect():
    global con, cur
    con=pymysql.connect(host="localhost",user="root", password="root", database="web_project")
    cur=con.cursor()

def disconnect():
    cur.close()
    con.close()

def getdata():
    connect()
    selectquery = "select * from employees;"
    cur.execute(selectquery)
    data = cur.fetchall()
    disconnect()
    return data

def insertdata(id_no, full_name, Gmail, DOB=None):
    try:
        connect()
        insertquery = "insert into employees (id_no, full_name, Gmail, DOB) values (%s,%s,%s,%s);"
        cur.execute(insertquery, (id_no, full_name, Gmail, DOB))
        con.commit()
        disconnect()
        return True
    except:
        disconnect()
        return False

def getOne(id_no):
    connect()
```

🐍 pro.py > 🔘 disconnect

```python
def getOne(id_no):
    connect()
    selectquery = "SELECT * FROM employees WHERE id_no=%s;"
    cur.execute(selectquery,(id_no, ))
    data = cur.fetchone()
    disconnect()
    return data

def updatedata(full_name,Gmail,id_no,DOB=None):
    try:
        connect()
        updateQuery = "UPDATE employees SET full_name=%s, Gmail=%s, DOB=%s WHERE id_no=%s;"
        cur.execute(updateQuery, (full_name, Gmail, DOB, id_no))
        print(id_no, full_name, Gmail, DOB)
        con.commit()
        disconnect()
        return True
    except :
        disconnect()
        return False

def deletedata(id_no):
    try:
        connect()
        deleteQuery = "DELETE FROM employees WHERE id_no=%s;"
        cur.execute(deleteQuery, (id_no, ))
        con.commit()
        disconnect()
        return True
    except:
        disconnect()
        return False

@myflask.route("/")
@myflask.route("/index/")
def index():
    if request.method=="GET":
        data = getdata()
        return render_template("index.html", data=data)
    return render_template("index.html")
```

```python
82  @myflask.route("/add/", methods=['GET','POST'])
83  def addemployee():
84      if request.method =="POST":
85          data = request.form
86          if insertdata(data['txtid_no'], data['txtfull_name'], data['txtGmail'], data['txtDOB']):
87              message="Record inserted successfully"
88          else:
89              message="Due to some issue could't insert record"
90          return render_template('insert.html', message=message)
91      return render_template("insert.html")
92
93  @myflask.route("/edit/",methods=['GET','POST'])
94  def updateemployee():
95
96      id_no=request.args.get('id',type=int,default=1)
97      data=getOne(id_no)
98      if request.method =="POST":
99          fdata = request.form
100         if updatedata(fdata['txtfull_name'], fdata['txtGmail'], id_no, fdata['txtDOB']):
101             message="Record updated successfully"
102         else:
103             message="Due to some issue could't update record"
104         return render_template('update.html', message=message)
105     return render_template("update.html",data=data)
106
107 @myflask.route("/delete/")
108 def deleteemployee():
109
110     id_no=request.args.get('id',type=int,default=1)
111     deletedata(id_no)
112     return redirect(url_for("index"))
113
114
115 if __name__=="__main__":
116     myflask.run(debug=True)
```

```html
1   <!doctype html>
2   <html lang="en">
3
4   <head>
5       <!-- Required meta tags -->
6       <meta charset="utf-8">
7       <meta name="viewport" content="width=device-width, initial-scale=1">
8
9       <!-- Bootstrap CSS -->
10      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
11          integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
12
13      <title>Employee Record</title>
14  </head>
15  <body style="background-color:▢rgba(93, 145, 158, 0.378);"></body>
16  <body>
17
18      <style>
19
20          ul {
21              list-style-type: none;
22              margin: 0;
23              padding: 0;
24              overflow: hidden;
25              background-color: ▢rgba(168, 104, 124, 0.788);
26          }
27
28          li {
29              float: left;
30          }
31
32          li a {
33              display: block;
34              color: ▢black;
35              text-align: center;
36              padding: 20px 25px;
37              text-decoration: none;
38          }
39
40          li a:hover {
41              background-color: ▢rgb(59, 69, 99);
42          }
```

```html
        li a:hover {
          background-color: ▢rgb(59, 69, 99);
        }
      </style>
      </head>
      <body>

      <ul>
        <li><a class="active" href="#home">Home</a></li>
        <li><a href="#Status">Status</a></li>
        <li><a href="#contact">Contact</a></li>
        <li><a href="#about">About</a></li>
      </ul>
    <h1>NAMASTE...</h1>
    <br>
    <div class="container">
        <a href="http://127.0.0.1:5000/add/" class="btn btn-primary">Add new Employee</a>
    </div>
    <div class="container">
        <table class="table table-striped table-hover">
            <thead>
                <tr>
                    <th scope="col">id_no</th>
                    <th scope="col">full_name</th>
                    <th scope="col">Gmail</th>
                    <th scope="col">DOB</th>
                    <th></th>
                </tr>
            </thead>
            <tbody>
                {% for employees in data %}
                <tr>
                    <td>{{employees[0]}}</td>
                    <td>{{employees[1]}}</td>
                    <td>{{employees[2]}}</td>
                    <td>{{employees[3]}}</td>
                    <td>
                        <a href="http://127.0.0.1:5000/edit/?id={{employees[0]}}" class="btn btn-warning">Edit</a>
                        <a href="http://127.0.0.1:5000/delete/?id={{employees[0]}}" class="btn btn-danger">Delete</a>
                    </td>
                </tr>
```

```html
            </thead>
            <tbody>
                {% for employees in data %}
                <tr>
                    <td>{{employees[0]}}</td>
                    <td>{{employees[1]}}</td>
                    <td>{{employees[2]}}</td>
                    <td>{{employees[3]}}</td>
                    <td>
                        <a href="http://127.0.0.1:5000/edit/?id={{employees[0]}}" class="btn btn-warning">Edit</a>
                        <a href="http://127.0.0.1:5000/delete/?id={{employees[0]}}" class="btn btn-danger">Delete</a>
                    </td>
                </tr>
                {% endfor %}
            </tbody>
        </table>
    </div>

    <!-- Optional JavaScript; choose one of the two! -->

    <!-- Option 1: Bootstrap Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
        crossorigin="anonymous"></script>

    <!-- Option 2: Separate Popper and Bootstrap JS -->
    <!--
    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p" crossorig
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTXR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF" crossorigin=
    -->
  </body>

</html>
```

```html
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2   <html lang="en">
3
4   <head>
5     <!-- Required meta tags -->
6     <meta charset="utf-8">
7     <meta name="viewport" content="width=device-width, initial-scale=1">
8
9     <!-- Bootstrap CSS -->
10    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
11      integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
12
13    <title>employees information</title>
14  </head>
15  <body style="background-color: ▢rgba(97, 155, 115, 0.504);"></body>
16  <body>
17
18    <br>
19    <br>
20    <div class="container">
21      <a href="http://127.0.0.1:5000/" class="btn btn-link">Go To Employees List</a>
22      <h1>Add a new Employee</h1>
23      <div class="container">
24        <form method="POST">
25          <input type="number" class="form-control" name="txtid_no" id="txtid_no" placeholder="Enter id_no" required />
26          <br>
27          <input type="text" class="form-control" name="txtfull_name" id="txtfull_name" placeholder="Enter full_Name"
28            required />
29          <br>
30          <input type="text" class="form-control" name="txtGmail" id="txtGmail" placeholder="Enter your Gmail" required />
31          <br>
32          <input type="date" class="form-control" name="txtDOB" id="txtDOB" placeholder="Enter your DOB" required />
33          <br>
34          <input type="submit" value="submit" class="btn btn-primary">
35          <br>
36          <br>
37          {% if message %}
38          <div class="alert alert-info" role="alert">
39            {{message}}
40          </div>
41          {% endif %}
42        </form>
```

```html
33          <br>
34          <input type="submit" value="submit" class="btn btn-primary">
35          <br>
36          <br>
37          {% if message %}
38          <div class="alert alert-info" role="alert">
39            {{message}}
40          </div>
41          {% endif %}
42        </form>
43      </div>
44  </div>
45
46  <!-- Optional JavaScript; choose one of the two! -->
47
48  <!-- Option 1: Bootstrap Bundle with Popper -->
49  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
50    integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
51    crossorigin="anonymous"></script>
52
53  <!-- Option 2: Separate Popper and Bootstrap JS -->
54  <!--
55    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p" crossorig
56    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF" crossorigin=
57    -->
58  </body>
59
60  </html>
```

```
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11      integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
12
13    <title>Employee Record</title>
14  </head>
15  <body style="background-color:▢rgba(138, 187, 184, 0.578);"></body>
16  <body>
17    <div class="container">
18      <a href="http://127.0.0.1:5000/" class="btn btn-link">Go To Employees List</a>
19      <h1>Update information</h1>
20      <div class="container">
21        {% if data %}
22
23        <form method="POST">
24          <input type="number" class="form-control" name="txtid" id="txtid" disabled value="{{data[0]}}" />
25          <br>
26          <input type="text" class="form-control" name="txtfull_name" id="txtfull_name" placeholder="Enter full Name"
27            required value="{{data[1]}}" />
28          <br>
29          <input type="text" class="form-control" name="txtGmail" id="txtGmail" placeholder="Enter your Gmail" required
30            value="{{data[2]}}" />
31          <br>
32          <input type="date" class="form-control" name="txtDOB" id="txtDOB" placeholder="Enter your DOB" required
33            value="{{data[3]}}" />
34          <br>
35          <input type="submit" value="submit" class="btn btn-primary">
36          <br>
37        </form>
38        {% endif %}
39        {% if message %}
40        <div class="alert alert-info" role="alert">
41          {{message}}
36          <br>
37        </form>
38        {% endif %}
39        {% if message %}
40        <div class="alert alert-info" role="alert">
41          {{message}}
42        </div>
43        {% endif %}
44      </div>
45    </div>
46
47    <!-- Optional JavaScript; choose one of the two! -->
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49    <!-- Option 1: Bootstrap Bundle with Popper -->
50    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
51      integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
52      crossorigin="anonymous"></script>
53
54    <!-- Option 2: Separate Popper and Bootstrap JS -->
55    <!--
56      <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p" crossori
57      <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-cVKIPhGWiC2Al4u+LWgxfKTRIcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF" crossorigi
58      -->
59  </body>
60
61  </html>
```

Add a new Employee

Enter id_no

Enter full_Name

Enter your Gmail

dd-mm-yyyy

submit

Update information

1

Abhishek Patil

abhi@125

15-04-1999

submit

NAMASTE...

Add new Employee

id_no	full_name	Gmail	DOB		
1	Abhishek Patil	abhi@125	1999-04-15	Edit	Delete
2	Smita Patil	sm@gmail.com	2020-03-12	Edit	Delete
3	Aarush Patil	Arush@.com	2022-01-01	Edit	Delete
4	Ganesh Patil	gp@gmail.com	2022-06-27	Edit	Delete

Limit to 1000 rows

```sql
1 • SELECT * FROM web_project.employees;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

id_no	full_name	Gmail	DOB
1	Abhishek Patil	abhi@125	1999-04-15
2	Smita Patil	sm@gmail.com	2020-03-12
3	Aarush Patil	Arush@.com	2022-01-01
4	Ganesh Patil	gp@gmail.com	2022-06-27

Result Grid

Form Editor

Field Types

Query Stats