**Apr 26**

* **views.py**

from testapp.models import Employee

def retrieve\_view(request):

emp\_list = Employee.objects.all()

return render(request,'testapp/index.html',{'emp\_list':emp\_list})

* **base.html**

<body>

<div class="container" align='center'>

{% block body\_block %}

{% endblock %}

</div>

</body>

* **index.html**

<!DOCTYPE html>

{% extends 'testapp/base.html' %}

{% block body\_block %}

<h1>Welcome To Employee List</h1>

<table border="3">

<thead>

<th>Employee Number</th>

<th>Employee Name</th>

<th>Employee Salary</th>

<th>Employee Address</th>

<th>Actions</th>

</thead>

{% for emp in emp\_list %}

<tr>

<td>{{emp.eno}}</td>

<td>{{emp.ename}}</td>

<td>{{emp.esal}}</td>

<td>{{emp.eaddr}}</td>

<td><a href="#">Update</a> &nbsp&nbsp&nbsp

<a href="#">Delete</a></td>

</tr>

{% endfor %}

</table>

<br>

<a class="btn btn-success" href="#">Insert New Employee</a>

{% endblock %}

* **urls.py**

path('',views.retrieve\_view)

* **forms.py**

from django import forms

from testapp.models import Employee

class EmployeeForm(forms.ModelForm):

class Meta:

model = Employee

fields = '\_\_all\_\_'

* **views.py**

from testapp.forms import EmployeeForm

def insert\_view(request):

form = EmployeeForm()

return render(request,'testapp/insert.html',{'form':form})

* **insert.html**

<!DOCTYPE html>

{% extends 'testapp/base.html' %}

{% block body\_block %}

<h1>Employee Insert Form</h1>

<form method="post">

{{form.as\_p}}

{% csrf\_token %}

<input type="submit" class="btn btn-success btn-lg" name="" value="Insert Record">

</form>

{% endblock %}

* **urls.py**

path('insert/',views.insert\_view)

* **index.html**

<a href="/insert">Insert New Employee</a>

* **views.py**

from django.shortcuts import redirect

def insert\_view(request):

form = EmployeeForm()

if request.method == 'POST':

form = EmployeeForm(request.POST)

if form.is\_valid():

form.save()

return redirect('/')

return render(request,'testapp/insert.html',{'form':form})

**DELETE:**

def delete\_view(request,id):

employee = Employee.objects.get(id = id)

employee.delete()

return redirect('/')

**step-1:**

<a href="/delete/{{emp.id}}">Delete</a></td>

**step:2:**

path('delete/<int:id>', views.delete\_view),

**UPDATE:**

**step-1:**

<a href="/update/{{emp.id}}">Update</a></td>

**step:2:**

path('update/<int:id>', views.update\_view),

* **views.py**

def update\_view(request,id):

employee = Employee.objects.get(id = id)

form = EmployeeForm(instance=employee)

return render(request,'testapp/update.html',{'form':form})

* **update.html**

<!DOCTYPE html>

{% extends 'testapp/base.html' %}

{% block body\_block %}

<h1>Employee Update Form</h1>

<form method="post">

{{form.as\_p}}

{% csrf\_token %}

<input type="submit" class="btn btn-success btn-lg" name="" value="Update Record">

</form>

{% endblock %}

**If employee want to update record**

def update\_view(request,id):

employee = Employee.objects.get(id = id)

form = EmployeeForm(instance=employee)

if request.method == 'POST':

form = EmployeeForm(request.POST,instance=employee)

if form.is\_valid():

form.save()

return redirect('/')

return render(request,'testapp/update.html',{'form':form})