

- **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**

[illegible]

```
<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})
```