**Performing CRUD operations using modelform**

**Adding/Inserting data**

**Models.py**

from django.db import models

# Create your models here.

class Person(models.Model):

    name=models.CharField(max\_length=20,primary\_key=True)

    age=models.CharField(max\_length=2)

    address=models.CharField(max\_length=30)

**forms.py**

from django.forms import ModelForm

from crudapp.models import Person

class PersonForm(ModelForm):

    class Meta:

        model=Person

        fields="\_\_all\_\_"

**add.html**

<form action="/add" method="post">

    {% csrf\_token %}

    {{form}}

    <input type="submit" value="add">

</form>

**Views.py**

from django.http import HttpResponse

from django.shortcuts import render

from crudapp.forms import PersonForm

# Create your views here.

def add\_person(request):

    if request.method=="POST":

        f=PersonForm(request.POST)

        if f.is\_valid():

            f.save()

            msg="Person Added"

            return HttpResponse(msg)

        else:

            return HttpResponse("Error in Adding")

def add(request):

    form=PersonForm()

    return render(request,"add.html",context={"form":form})

**settings.py**

INSTALLED\_APPS = [

    'django.contrib.admin',

    'django.contrib.auth',

    'django.contrib.contenttypes',

    'django.contrib.sessions',

    'django.contrib.messages',

    'django.contrib.staticfiles',

    'crudapp',

]

import os.path

TEMPLATE\_PATH=os.path.join(BASE\_DIR,"templates")

TEMPLATES = [

    {

        'BACKEND': 'django.template.backends.django.DjangoTemplates',

        'DIRS': [TEMPLATE\_PATH],

        'APP\_DIRS': True,

        'OPTIONS': {

            'context\_processors': [

                'django.template.context\_processors.debug',

                'django.template.context\_processors.request',

                'django.contrib.auth.context\_processors.auth',

                'django.contrib.messages.context\_processors.messages',

            ],

        },

    },

]

**Update/Edit**