Let’s add our codes in our *app.py*.

app.py

Python



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| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52  53  54  55  56  57  58  59  60  61  62  63  64  65  66  67  68  69  70  71  72  73  74  75  76  77  78  79  80  81  82  83  84  85  86  87  88  89  90  91  92  93  94  95  96  97  98  99  100 | from flask import Flask, render\_template, request, redirect, url\_for, flash  from flask\_sqlalchemy import SQLAlchemy          app = Flask(\_\_name\_\_)  app.secret\_key = "Secret Key"    #SqlAlchemy Database Configuration With Mysql  app.config['SQLALCHEMY\_DATABASE\_URI'] = 'mysql://root:''@localhost/crud'  app.config['SQLALCHEMY\_TRACK\_MODIFICATIONS'] = False    db = SQLAlchemy(app)      #Creating model table for our CRUD database  class Data(db.Model):      id = db.Column(db.Integer, primary\_key = True)      name = db.Column(db.String(100))      email = db.Column(db.String(100))      phone = db.Column(db.String(100))          def \_\_init\_\_(self, name, email, phone):            self.name = name          self.email = email          self.phone = phone            #This is the index route where we are going to  #query on all our employee data  @app.route('/')  def Index():      all\_data = Data.query.all()        return render\_template("index.html", employees = all\_data)        #this route is for inserting data to mysql database via html forms  @app.route('/insert', methods = ['POST'])  def insert():        if request.method == 'POST':            name = request.form['name']          email = request.form['email']          phone = request.form['phone']              my\_data = Data(name, email, phone)          db.session.add(my\_data)          db.session.commit()            flash("Employee Inserted Successfully")            return redirect(url\_for('Index'))      #this is our update route where we are going to update our employee  @app.route('/update', methods = ['GET', 'POST'])  def update():        if request.method == 'POST':          my\_data = Data.query.get(request.form.get('id'))            my\_data.name = request.form['name']          my\_data.email = request.form['email']          my\_data.phone = request.form['phone']            db.session.commit()          flash("Employee Updated Successfully")            return redirect(url\_for('Index'))          #This route is for deleting our employee  @app.route('/delete/<id>/', methods = ['GET', 'POST'])  def delete(id):      my\_data = Data.query.get(id)      db.session.delete(my\_data)      db.session.commit()      flash("Employee Deleted Successfully")        return redirect(url\_for('Index'))              if \_\_name\_\_ == "\_\_main\_\_":      app.run(debug=True) |

