from flask import flask,  
  
app = flask(\_\_name\_\_)  
  
  
courses = [{'name':"python programing",  
 'course\_id':"0"  
 'Description':The server then retrieves that data, interprets it, performs the necessary actions and sends it back to your phone. The application}  
{then interprets that data and presents you with the information you wanted in a readable way. This is what an API is - all of this happens via API.}  
  
{To explain this better, let us take a familiar example.}  
  
{Imagine you’re sitting at a table in a restaurant with a menu of choices to order from. The kitchen is the part of the “system” that will prepare your order.}  
{What is missing is the critical link to communicate your order to the kitchen and deliver your food back to your table. That’s where the waiter or API comes in.}  
{The waiter is the messenger – or API – that takes your request or order and tells the kitchen – the system – what to do. Then the waiter delivers the response back to you;}  
{in this case, it is the food.}  
  
{Here is a real-life API example. You may be familiar with the process of searching flights online. Just like the restaurant, you have a variety of options to choose}]  
  
@app.route('/')  
def index():  
 return "welcome to the courses API"  
@app.route("/courses",methods=['GET'])  
def get():  
 return jsonify({'course':courses})  
@app.route("/courses/<int:courses\_id",methods")['GET'])  
def get\_course({'course\_id'}):  
 return josnify({'courses'[course\_id]})  
  
@app.route("/courses",methods=['POST'])  
def create():  
 course = {'name': natural language processing with python "," \  
 'course\_id'"5",  
 'Description':"natural language processing with python will take you throug" \  
 'price':visit the office to know more"}  
 courses.append(course)  
 return jsonify({'create':course})  
@app.route("/courses/<int:course\_id>",methods=['PUT'])  
def course\_update(course\_id):  
 courses['course\_id'] ['Description'] ="XYZ"  
 return jsonify({'course: courses[course\_id']})  
  
@app.route("/courses/<int:course\_id>", methods=['DELETE'])  
def delete(course\_id):  
 course.remove(courses[course\_id])  
 return josnify({'result':True})  
  
if \_\_name\_\_ == "main\_\_":  
 app.run(debug=True)