1. Is our service and db layer working or not..
   1. No it is not working, ok don’t touch anything in http.
   2. It is not working means we don’t know
      1. what is input needed for the function
      2. What is output expected
      3. How do we communicate failure and success.
2. http+ db I will do it at once..
   1. pathetic people they will create unlimited misery for everybody..
3. ok http we want to use
   1. makeup
   2. service.( this is what our batch all about)
4. any http scenario
   1. how request begins
   2. where is request processed. @app.route
   3. What will be response.
      1. Only data.. – web services
         1. Web service
      2. Data + some page to show
         1. Web application for presentation.
5. Event Handling
   1. Event Source
      1. Some variable changes
      2. Some registration mechanism
         1. Thru which we will come to know who is interested in the event
      3. When event occurs, it will go thru the ii and intimate only those people in ii, that event has occurred
      4. Will keep a gun at the event listener
         1. Gun means..
            1. Write a function as I say… event listeners job is only to define and not call the function
         2. This function is called by event source.
   2. Event Listener
      1. This is what we are in web programming.
      2. We define a function
         1. We don’t call it
      3. We register for the event..
      4. System will detect the event and call our function.
   3. Web programming for a webservice
      1. Identify the request. Thru a URI
      2. Mode of request.
      3. Write a request processing function
         1. Think how will you pick the input
            1. Path variable abc/1
            2. Request param
            3. RequestBody

Read the complete body as text

Read the body as json

* + - 1. What will be the output
         1. Output
         2. http status code
         3. some headers.
    1. How to prove web service is working
       1. Prove thru postman that things are working
       2. Prove requests api that things work
       3. Ideally unit test cases should be written
  1. When writing web services functions
     1. First focus on input
     2. And output
     3. Then you can link with the service layer
     4. When you do this all the json misery if any will come down
  2. Last phase
     1. Add validation
     2. Exception handling
     3. Add security
     4. Some cloud deployment if need is there.