Assignment-5

RAVULAKOLANU JITENDRA PRASAD

jitendra.prasad2019@vitstudent.ac.in

Create a web dashboard to take user input for scheduling the pump controller (date & time). store the data in the Cloudant DB.
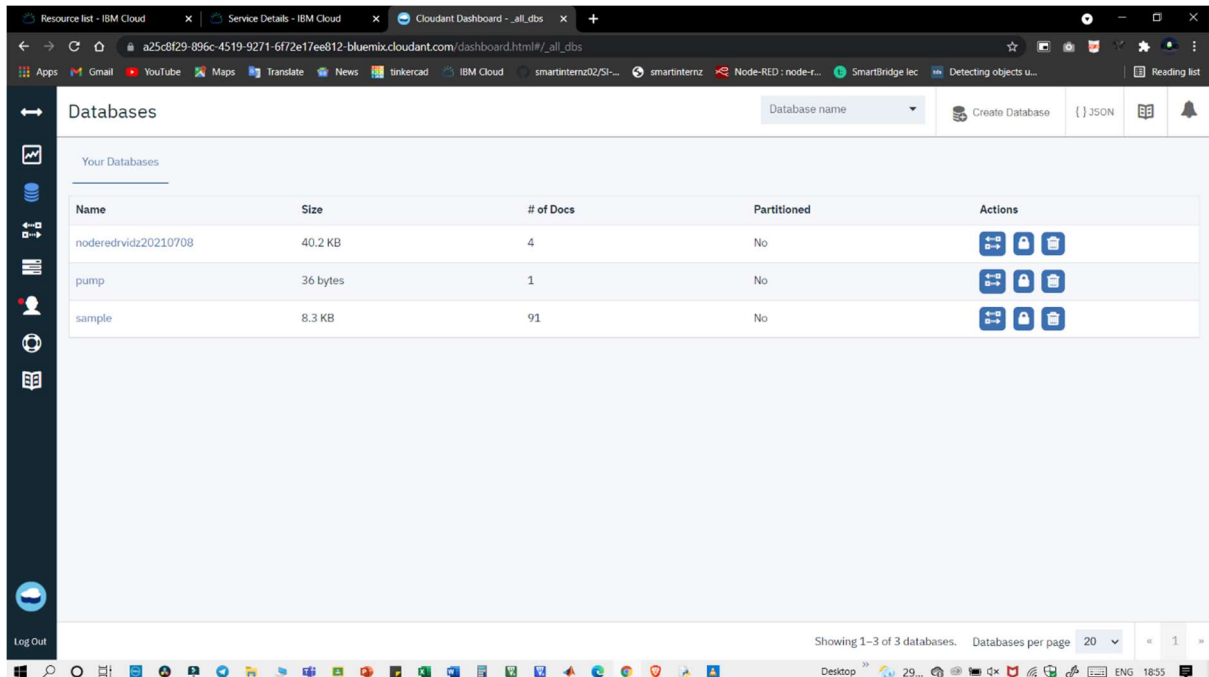
CODE:

```
pump.py - C:/Users/Jitendra/Desktop/cv_python_test/Cloud Service/pump.py (3.9.6)
File  Edit  Format  Run  Options  Window  Help

from ibmcloudant.cloudant_v1 import CloudantV1
from ibmcloudant import CouchDbSessionAuthenticator
from ibm_cloud_sdk_core.authenticators import BasicAuthenticator

authenticator = BasicAuthenticator ('apikey-v2-2zkoalui6u6o925d75wsi501vs84dtwo15gp6a1ouki7', '2d6493f596f42f077fc5e515aa1cd0e4')

service = CloudantV1 (authenticator=authenticator)

service.set_service_url('https://apikey-v2-2zkoalui6u6o925d75wsi501vs84dtwo15gp6a1ouki7:2d6493f596f42f077fc5e515aa1cd0e4@a25c8f29-896c-4519-9271-6f72e17ee812-bluemix.cloudantnosqldb.appdoma

products_doc = {
    "DATE": "17/07/21",
    "TIME" : "6:46 PM"
    }

response = service.post_document(db='pump', document=products_doc).get_result()

print (response)
```
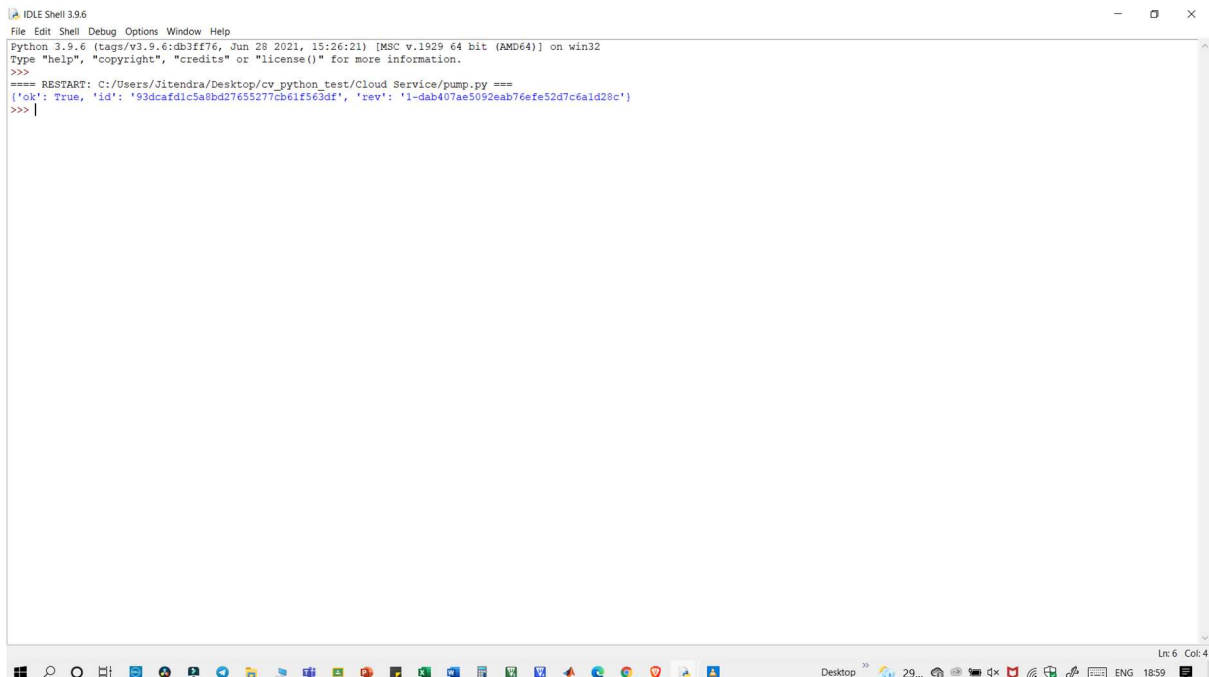
Create Database

code execution

After the code execution we can view the data in the cloudant Database

pump > 93dcafd1c5a8bd27655277cb61f563df

{ } JSON

Save Changes   Cancel

Upload Attachment   C Clone Document   Delete

```
1 {
2    "_id": "93dcafd1c5a8bd27655277cb61f563df",
3    "_rev": "1-dab407ae5092eab76efe52d7c6a1d28c",
4    "DATE": "17/07/21",
5    "TIME": "6:46 PM"
6 }
```

Log Out