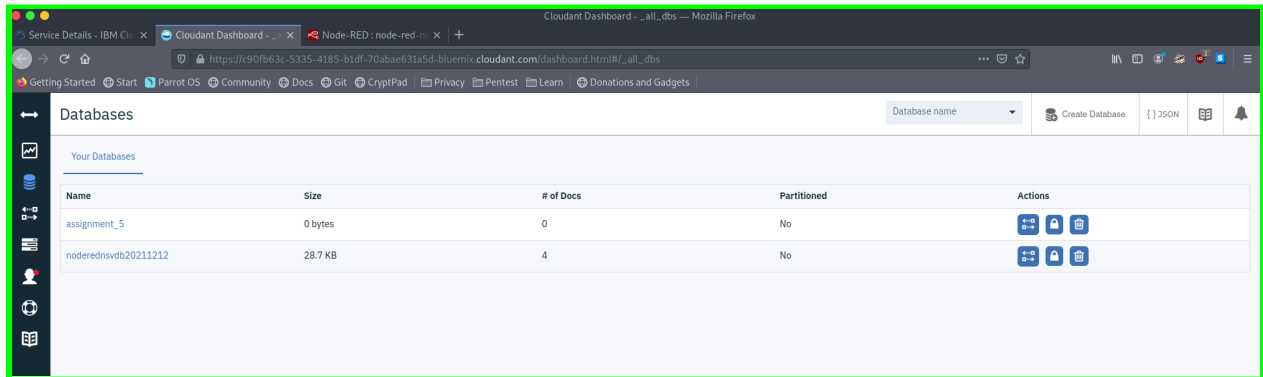


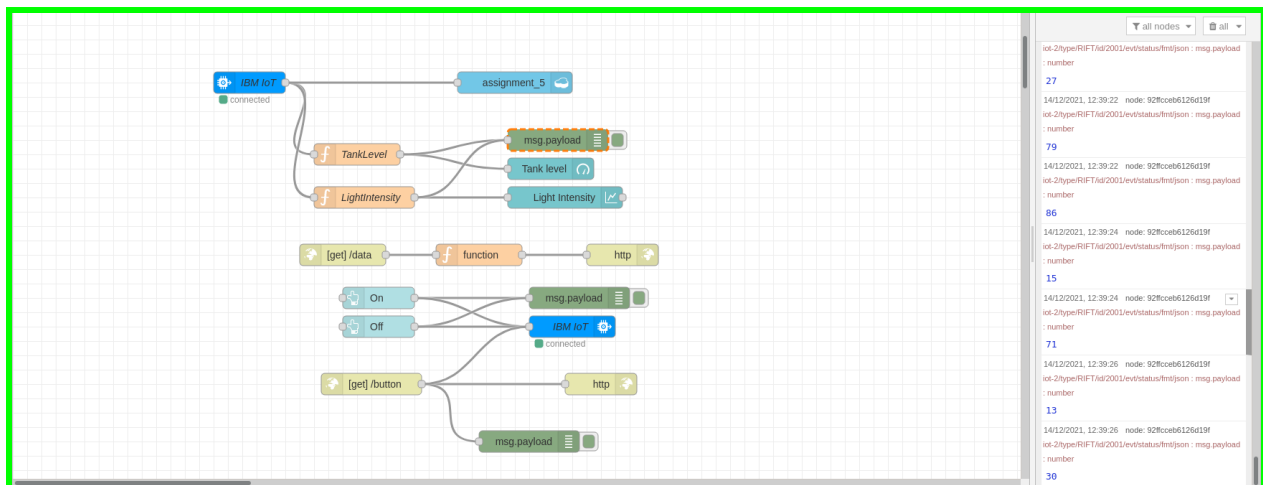
## Creating a Database



The screenshot shows the Cloudant Dashboard interface. At the top, there's a navigation bar with links like 'Getting Started', 'Start', 'Parrot OS', 'Community', 'Docs', 'Glt', 'CryptPad', 'Privacy', 'PenTest', 'Learn', and 'Donations and Gadgets'. Below this, the 'Databases' section is active, displaying a table of 'Your Databases'.

Name	Size	# of Docs	Partitioned	Actions
assignment_5	0 bytes	0	No	[Add] [Lock] [Delete]
noderednsvdb20211212	28.7 KB	4	No	[Add] [Lock] [Delete]

## Node-Red



## Running the python Code

```
Parrot Terminal
File Edit View Search Terminal Help
Python
Switched ON
Published Data Successfully: %s {'TankLevel': 51, 'LightIntensity': 84}
Published Data Successfully: %s {'TankLevel': -13, 'LightIntensity': 77}
Published Data Successfully: %s {'TankLevel': 23, 'LightIntensity': 70}
Message recieved from IBM IoT Platform: {'command': 'off'}
off
Switched OFF
Published Data Successfully: %s {'TankLevel': 13, 'LightIntensity': 81}
Published Data Successfully: %s {'TankLevel': 10, 'LightIntensity': 71}
Published Data Successfully: %s {'TankLevel': 107, 'LightIntensity': 47}
Published Data Successfully: %s {'TankLevel': 29, 'LightIntensity': 97}
Published Data Successfully: %s {'TankLevel': 31, 'LightIntensity': 15}
Published Data Successfully: %s {'TankLevel': 78, 'LightIntensity': 84}
Published Data Successfully: %s {'TankLevel': 92, 'LightIntensity': 0}
Published Data Successfully: %s {'TankLevel': 60, 'LightIntensity': 40}
Published Data Successfully: %s {'TankLevel': 61, 'LightIntensity': 92}
Published Data Successfully: %s {'TankLevel': 121, 'LightIntensity': 0}
Published Data Successfully: %s {'TankLevel': -3, 'LightIntensity': 85}
Published Data Successfully: %s {'TankLevel': -15, 'LightIntensity': 75}
Published Data Successfully: %s {'TankLevel': -15, 'LightIntensity': 62}
Message recieved from IBM IoT Platform: {'command': 'on'}
on
Switched ON
Published Data Successfully: %s {'TankLevel': 49, 'LightIntensity': 67}
Message recieved from IBM IoT Platform: {'command': 'off'}
off
3:39 OFF
```

## Storing the data in Cloudant DB

id	key	value
0879f2ce1ae19134065df667feefc61	0879f2ce1ae19134065df667feefc61	{\"rev\": \"1-05e930d43c0a99a11dcdcaeff53498\"}
0879f2ce1ae19134065df667feefb2697	0879f2ce1ae19134065df667feefb2697	{\"rev\": \"1-2cd48dc864d406a51345bf7155f4318\"}
0879f2ce1ae19134065df667feefb6d2	0879f2ce1ae19134065df667feefb6d2	{\"rev\": \"1-12hc8ae2d8beeddfbef9c1f548d8ad5\"}
0879f2ce1ae19134065df667feef7d78	0879f2ce1ae19134065df667feef7d78	{\"rev\": \"1-9dc4f1792768af8dc73dc4478732b4c2\"}
0879f2ce1ae19134065df667feef93f3	0879f2ce1ae19134065df667feef93f3	{\"rev\": \"1-86d32c45603c14ff9ee94f9a90c471c\"}
0879f2ce1ae19134065df667feefbb3a	0879f2ce1ae19134065df667feefbb3a	{\"rev\": \"1-bf127b59acfa3c2dc770e20951f904a\"}
0879f2ce1ae19134065df667feefc8e6	0879f2ce1ae19134065df667feefc8e6	{\"rev\": \"1-6a22badd3b768be1521676156b85ef60\"}
0bdc2870a4711a971daab10e302482ce	0bdc2870a4711a971daab10e302482ce	{\"rev\": \"1-6dccc8b6059e28853022fa7e1722bdc\"}
0bdc2870a4711a971daab10e3024c8f9	0bdc2870a4711a971daab10e3024c8f9	{\"rev\": \"1-72bb242f07081702a201e1d1b6bc04f3\"}
0bdc2870a4711a971daab10e3025085c	0bdc2870a4711a971daab10e3025085c	{\"rev\": \"1-2c8d2bd1d8bc2a8743160684139b288\"}
0bdc2870a4711a971daab10e30255d8a	0bdc2870a4711a971daab10e30255d8a	{\"rev\": \"1-47e8b2f543d1ec047e9accb2037bbca\"}
0bdc2870a4711a971daab10e3025de38	0bdc2870a4711a971daab10e3025de38	{\"rev\": \"1-aa9f8f8f6bc4e9c63bfa5b7e8080ee\"}
0bdc2870a4711a971daab10e3026235c	0bdc2870a4711a971daab10e3026235c	{\"rev\": \"1-38ac7a7df9101736040e728b4f86d93\"}
0c1f6d5cea588f12957b6577fb40986d	0c1f6d5cea588f12957b6577fb40986d	{\"rev\": \"1-070800185c707b3a8c8a21d8994b096\"}

