```
FINAL
CODE
import time
import sys
import ibmiotf.application
import ibmiotf.device
import random
. #Provide your IBM Watson Device Credentials
organization = "uo60re"
deviceType = "AKASH"
deviceId = "1234"
authMethod = "token"
```

```
authToken = "12345678"
# Initialize GPIO
def myCommandCallback(cmd):
print("Command received: %s" %
cmd.data['command']) status=cmd.data['command']
if status=="lighton":
print ("led is on")
else:
print ("led is off")
#print(cmd) cmd):
print("Command received: %s" %
deviceType = "AKASH"
deviceId = "1234"
authMethod = "token"
authToken = "12345678"
# Initialize GPIO def myCommandCallback(
cmd.data['command'])
status=cmd.data['command'] if status=="lighton":
print ("led is on")
else:
print ("led is off")
#print(cmd)
```

try	<i>y</i> :
de	eviceOptions = {"org":
	ganization, "type": deviceType, "id": deviceId, "auth-method": authMethod, "auth-token": thToken} deviceCli = ibmiotf.device.Client(deviceOptions)
#	
ex	cept Exception as e:
рі	rint("Caught exception
со	nnecting device: %s" % str(e))
sy	s.exit()
	Connect and send a datapoint "hello" with value "world" into the cloud as an event of type reeting" 10 times
de	eviceCli.connect()
wl	nile True:
#6	Get Sensor Data from DHT11
te	mp=random.randint(60,100) Turbidity=random.randint(0,100)
ph	value=random.randint(2,14)

