

Name- Chitranksi Rathour

ASSIGNMENT – 4

Python Code:

```
import wiotp.sdk.device
import time
import random

myConfig = {
    "identity": {
        "orgId": "c13gq3",
        "typeId": "Device",
        "deviceId": "12345"
    },
    "auth": {
        "token": "987654321"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['control'])
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
while True:
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect()
```

Screenshots:

IDLE Shell 3.9.6*

File Edit Shell Debug Options Window Help

Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: C:\Users\Chitranshi\Desktop\4.py =====

2021-07-19 18:01:38,160 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:c13gg3:Device:12345

Message received from IBM IoT Platform: Hello

Message received from IBM IoT Platform: This is 19BCE10419

Message received from IBM IoT Platform: I'm Chitranshi Rathour

Node-RED

Flow 4

debug

7/19/2021, 6:01:40 PM node: 440924ef0e6a1c msg payload: Object

{ control: "Hello" }

7/19/2021, 6:01:58 PM node: 440924ef0e6a1c msg payload: Object

{ control: "This is 19BCE10419" }

7/19/2021, 6:02:33 PM node: 440924ef0e6a1c msg payload: Object

{ control: "I'm Chitranshi Rathour" }

Application

Screen1 Add Screen Remove Screen Publish to Gallery

Design Blocks

Search Components

User Interface

Layout

HorizontalArrangement

HorizontalScrollArrangement

TableArrangement

VerticalArrangement

VerticalScrollArrangement

Media

Drawing and Animation

Maps

Sensors

Social

Storage

Connectivity

LEGO® MINDSTORMS®

Experimental

Extension

Display hidden components in Viewer

Phone size (505.320)

Welcome To Dashboard

Enter Your Text Below

Submit

Components

Screen1

HorizontalArrangement2

HorizontalArrangement1

Label1

HorizontalArrangement3

VerticalArrangement1

TextBox2

Button2

Web1

Properties

Screen1

AboutScreen

AccentColor

Default

AlignHorizontal

Left: 1

AlignVertical

Top: 1

AppName

Application

BackgroundColor

Default

BackgroundImage

None

Blocks Toolkit

All

CloseScreenAnimation

Default

Icon

None

OpenScreenAnimation

Default

PrimaryColor

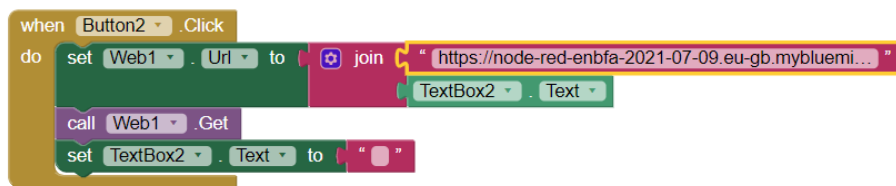
Default

PrimaryColorDark

Default

ScreenOrientation

Non-visible components



Welcome To Dashboard

Enter Your Text Below

Hello

Submit