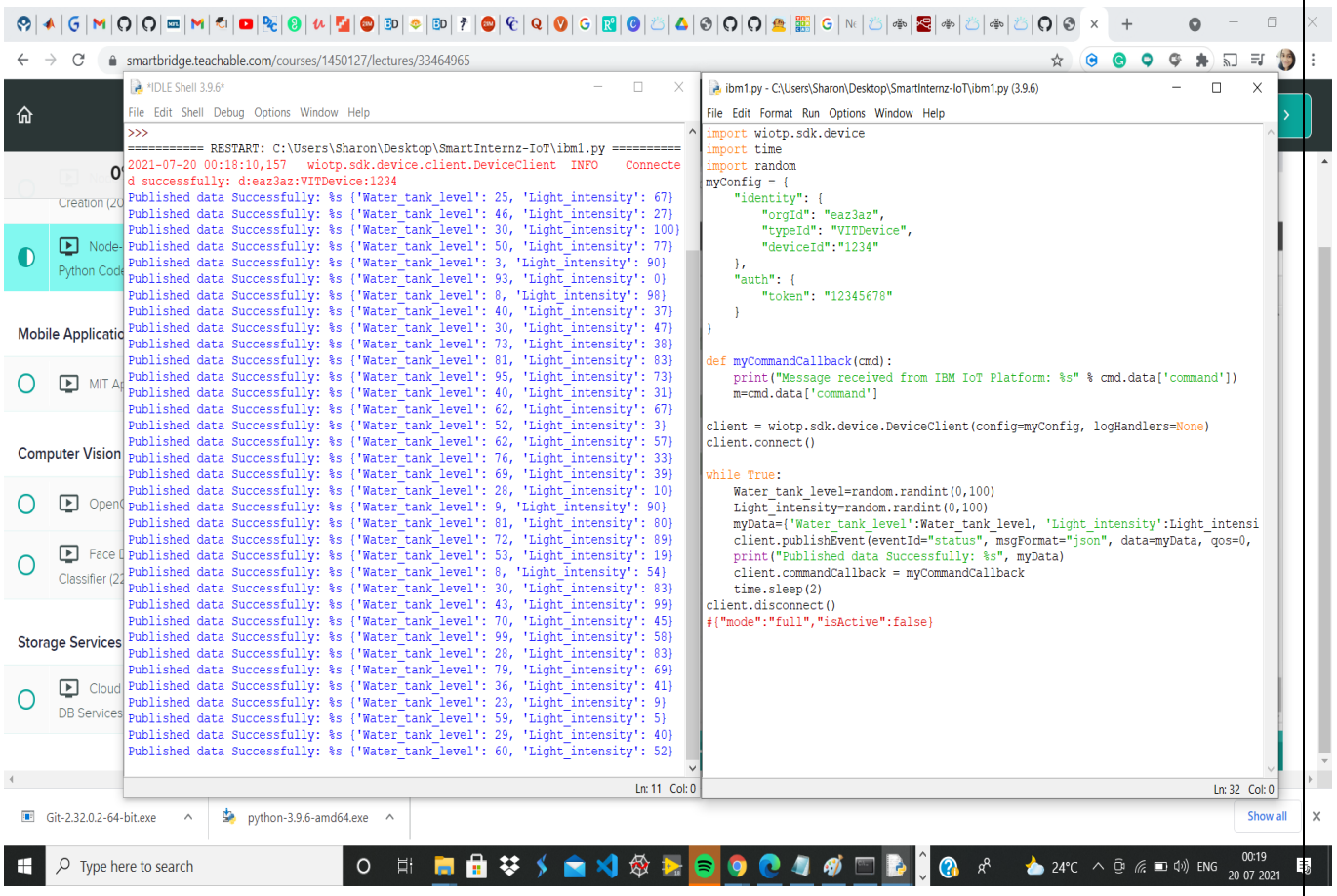
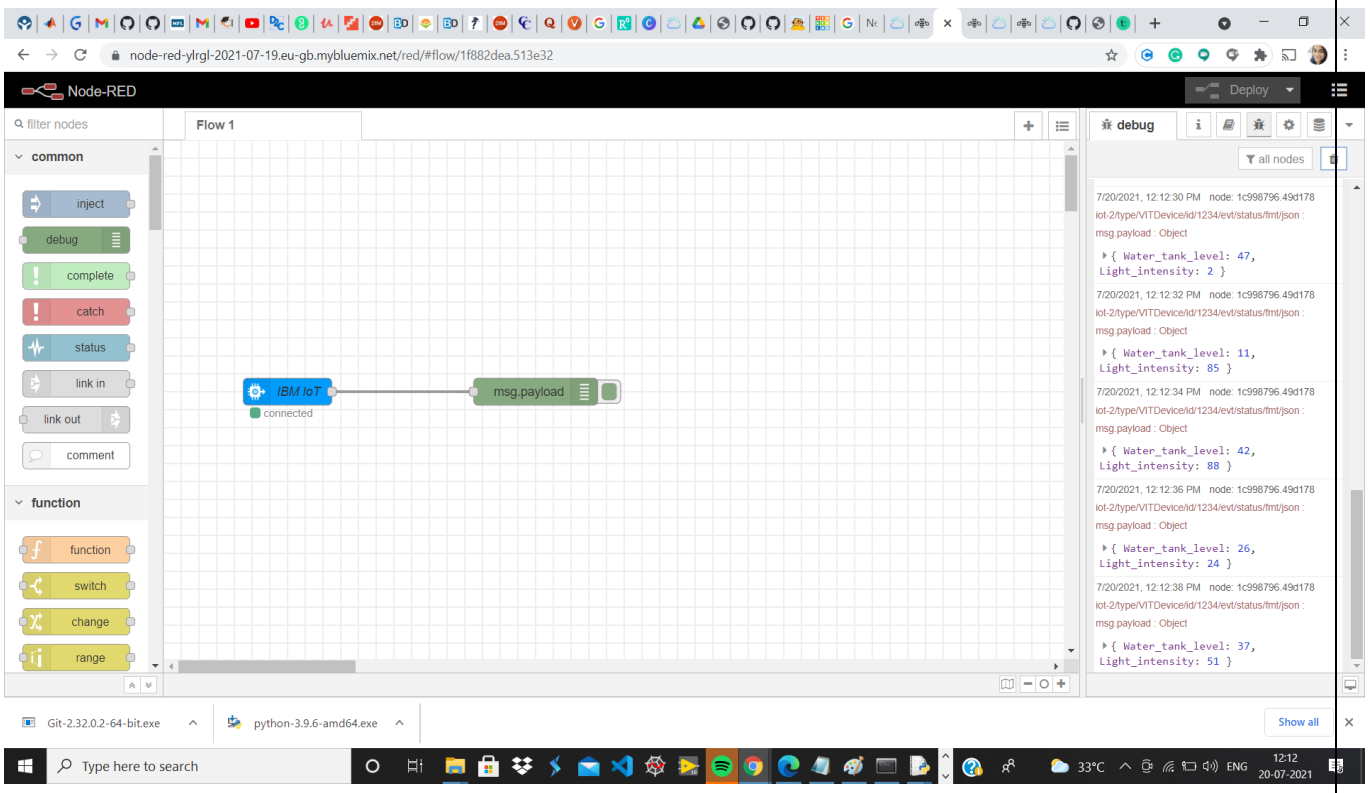
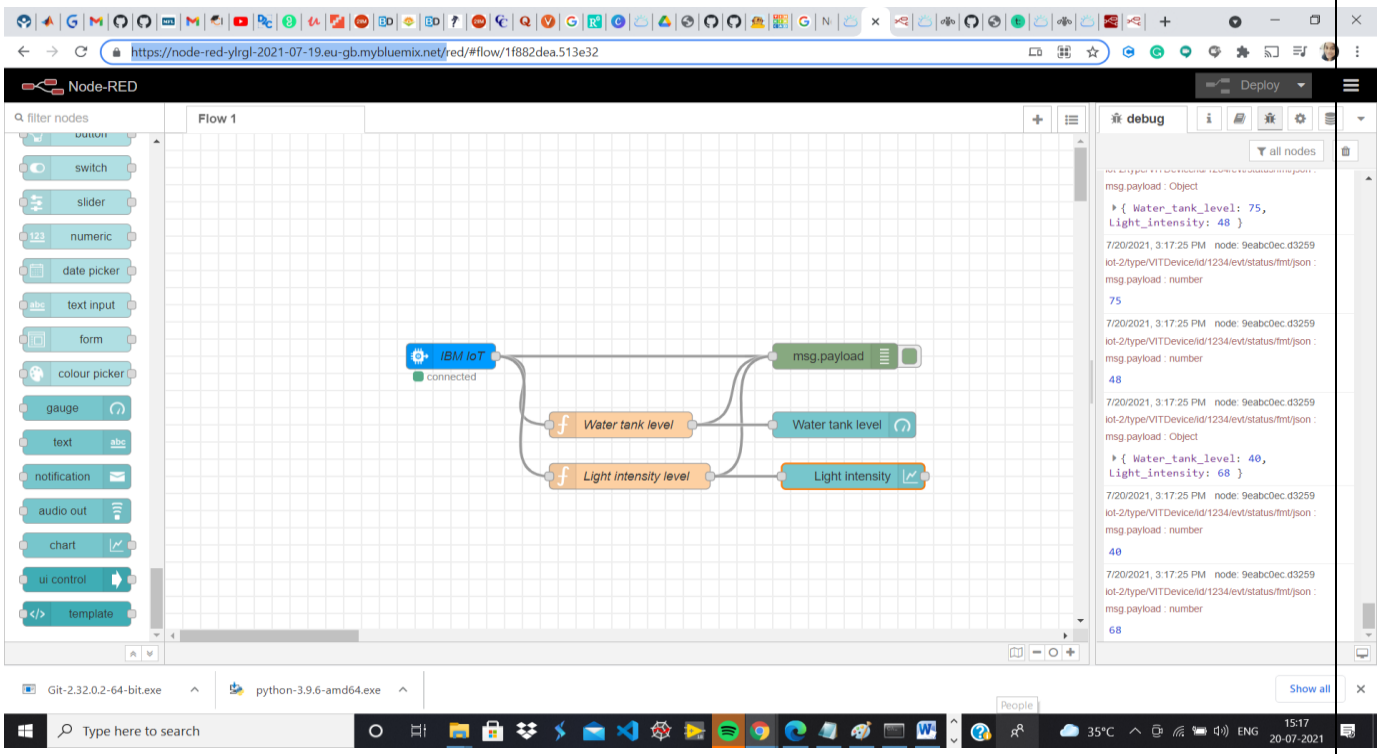
SMART HOME AUTOMATION-TASK-3 REPORT

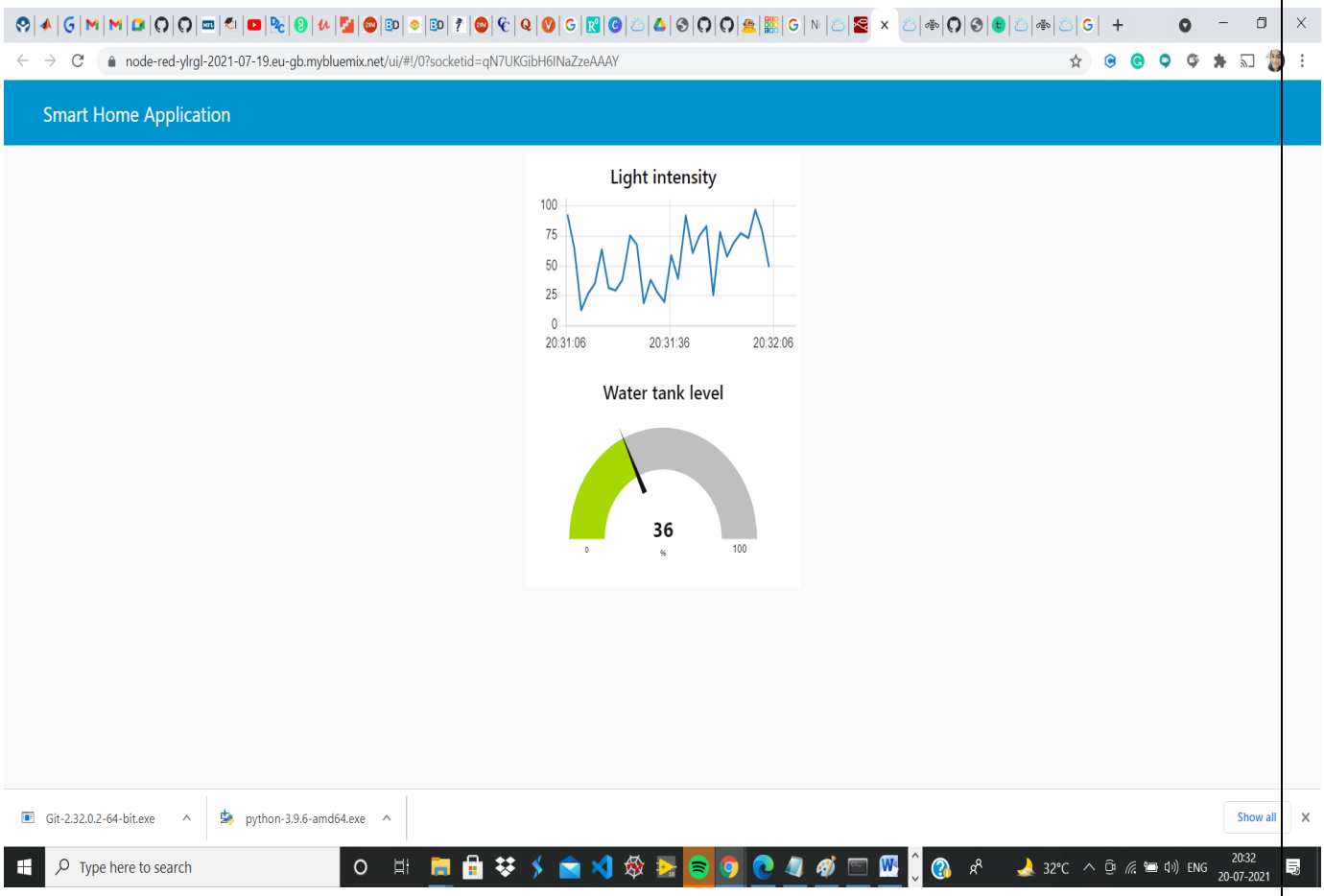
REAL TIME DEPLOYMENT OF IOT INFRASTRUCTURE USING IBM WATSON CLOUD PLATFORM

J.Sharon Davis




node-red-ylrgl-2021-07-19.eu-gb.mybluemix.net/red/#flow/1f882dea.513e32
Node-RED
Deploy
filter nodes
Flow 1
debug
all nodes
common
inject
debug
complete
catch
status
link in
link out
comment
function
function
switch
change
range
IBM IoT
connected
msg.payload
7/20/2021, 12:12:30 PM node: 1c998796.49d178
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : Object
{ Water_tank_level: 47, Light_intensity: 2 }
7/20/2021, 12:12:32 PM node: 1c998796.49d178
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : Object
{ Water_tank_level: 11, Light_intensity: 85 }
7/20/2021, 12:12:34 PM node: 1c998796.49d178
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : Object
{ Water_tank_level: 42, Light_intensity: 88 }
7/20/2021, 12:12:36 PM node: 1c998796.49d178
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : Object
{ Water_tank_level: 26, Light_intensity: 24 }
7/20/2021, 12:12:38 PM node: 1c998796.49d178
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : Object
{ Water_tank_level: 37, Light_intensity: 51 }
Git-2.32.0.2-64-bit.exe
python-3.9.6-amd64.exe
Show all
Type here to search
33°C
ENG
12:12
20-07-2021


https://node-red-ylrgl-2021-07-19.eu-gb.mybluemix.net/red/#flow/1f882dea.513e32
Node-RED
Deploy
filter nodes
Flow 1
debug
all nodes
switch
slider
numeric
date picker
text input
form
colour picker
gauge
text
notification
audio out
chart
ui control
template
IBM IoT
connected
msg.payload
Water tank level
Water tank level
Light intensity level
Light intensity
msg.payload : Object
{ Water_tank_level: 75, Light_intensity: 48 }
7/20/2021, 3:17:25 PM node: 9eabc0ec.d3259
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : number
75
7/20/2021, 3:17:25 PM node: 9eabc0ec.d3259
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : number
48
7/20/2021, 3:17:25 PM node: 9eabc0ec.d3259
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : Object
{ Water_tank_level: 40, Light_intensity: 68 }
7/20/2021, 3:17:25 PM node: 9eabc0ec.d3259
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : number
40
7/20/2021, 3:17:25 PM node: 9eabc0ec.d3259
iot-2/type/VITDevice/id/1234/evt/status/fmt/json : msg.payload : number
68
Git-2.32.0.2-64-bit.exe
python-3.9.6-amd64.exe
Show all
Type here to search
35°C
ENG
15:17
20-07-2021


node-red-ylrgl-2021-07-19.eu-gb.mybluemix.net/ui/#!/0?socketid=qN7UKGibH6INaZzeAAAY
Smart Home Application
Light intensity
100
75
50
25
0
20:31:06
20:31:36
20:32:06
Water tank level
36
%
0
100
Git-2.32.0.2-64-bit.exe
python-3.9.6-amd64.exe
Show all
Type here to search
32°C
ENG
20:32
20-07-2021