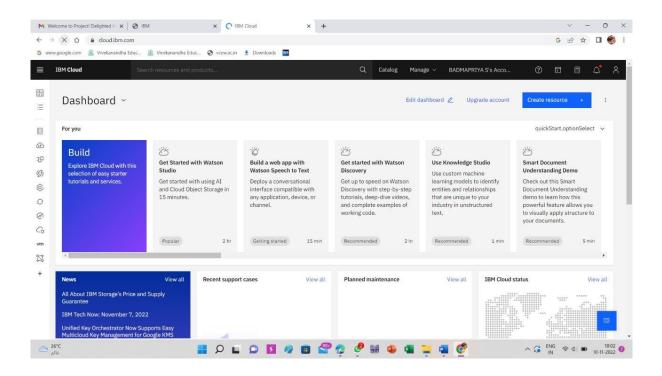
REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

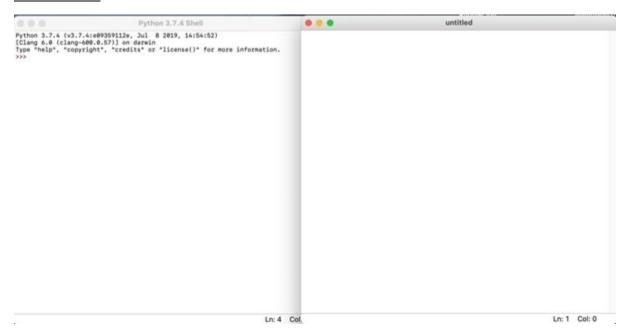
TEAM ID	PNT2022TMID23797
PROJECT NAME	REAL TIME RIVER WATER QUALITY
	MONITORING AND CONTROL
	SYSTEM

PREREQUISITES:

IBM CLOUD SERVICES

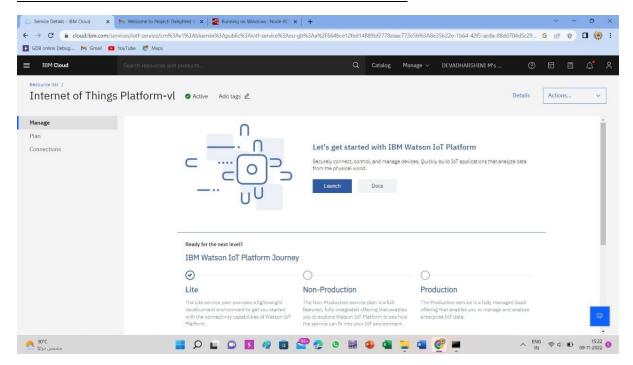


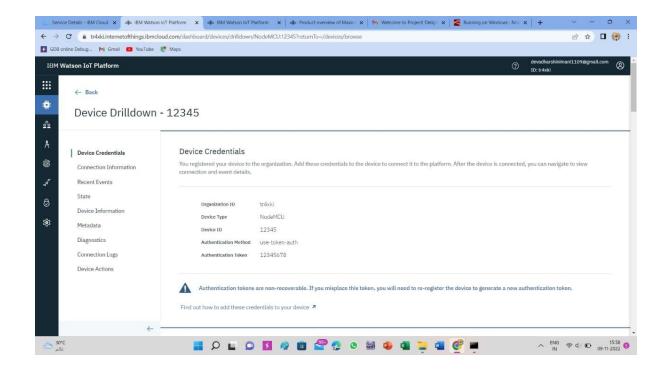
SOFTWARE



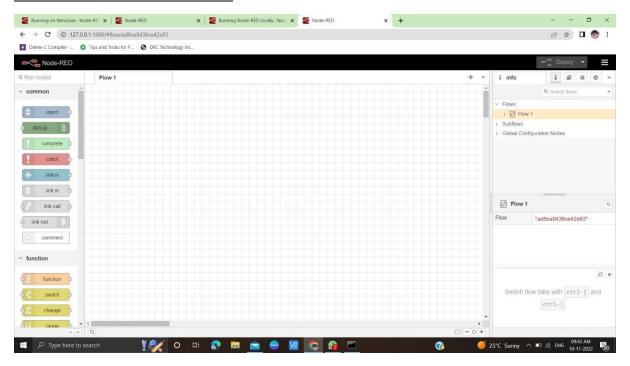
CREATE AN CONFIGURE IBM CLOUD SERVIVES:

CREATE IBM WATSON IOT PLATFORM AND DEVICE





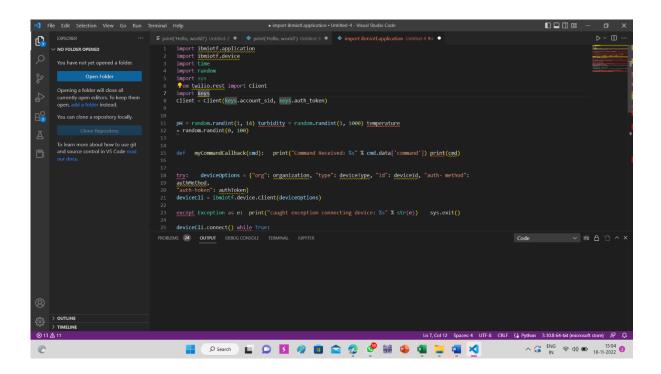
CREATE NODE-RED SERVICE

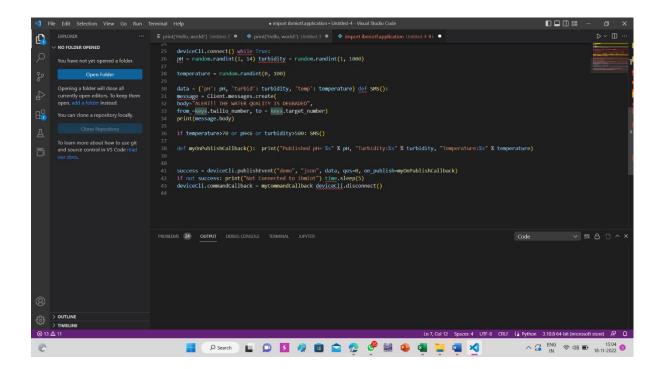


DEVELOP THE PYTHON SCRIPT

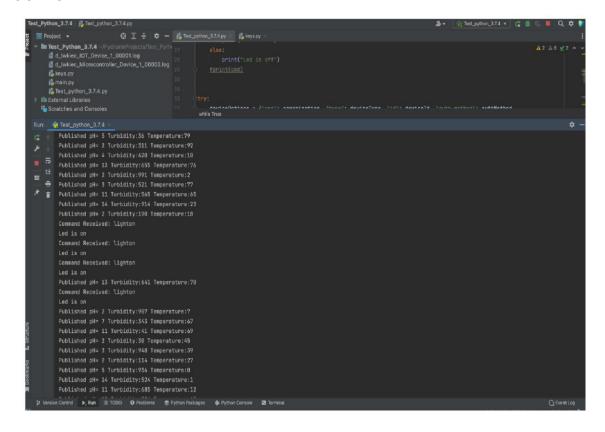
DEVELOP A PYTHON SCRIPT

CODING



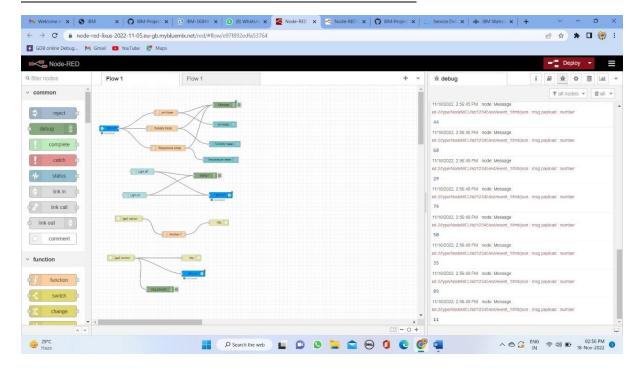


OUTPUT

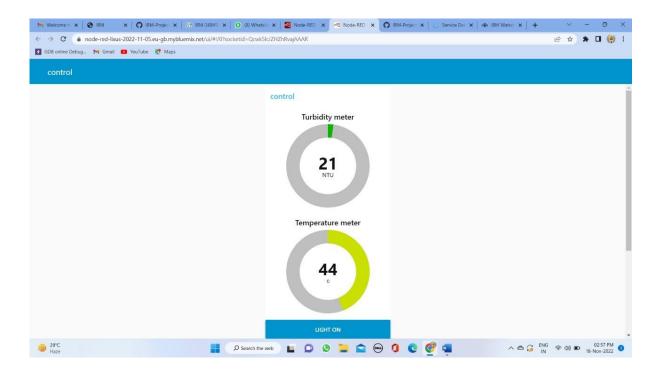


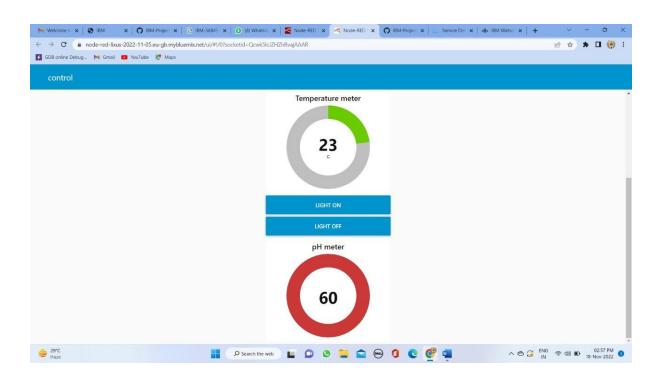
DEVELOP A WEB APPLICATION USING NODE-RED SERVICES

DEVELOP THE WEB APPLICATION USING NODE-RED

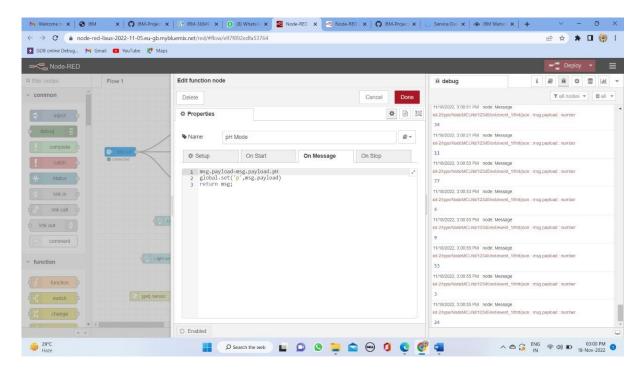


USING DASHBOARD NODES FOR CREATING UI(WEB APP)



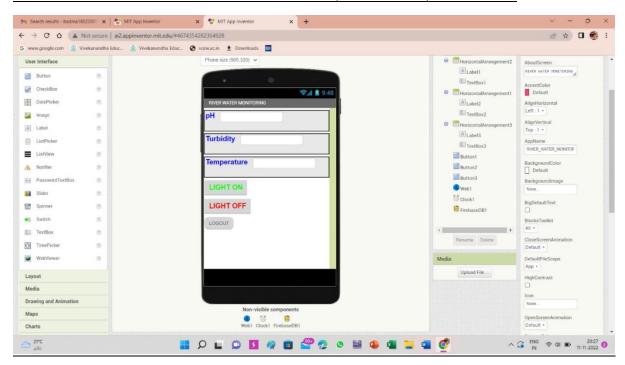


CREATE AN HTTP REQUESTS TO COMMUNICATE WITH MOBILE APP



BUILDING MOBILE APP

DESIGN YOUR UI TO DISPLAY THE WATER, TURBIDITY, PH VALUES



CONFIGURE THE APPLICATION TO RECEIVE THE DATA FROM CLOUD

