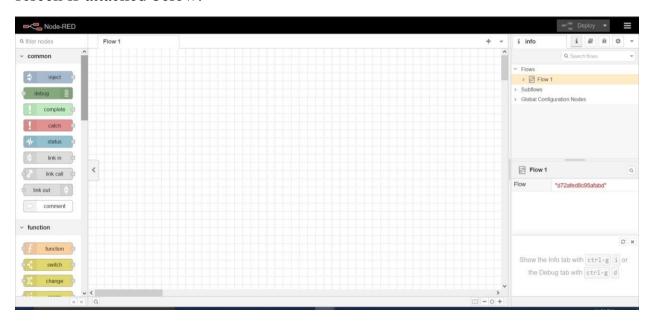
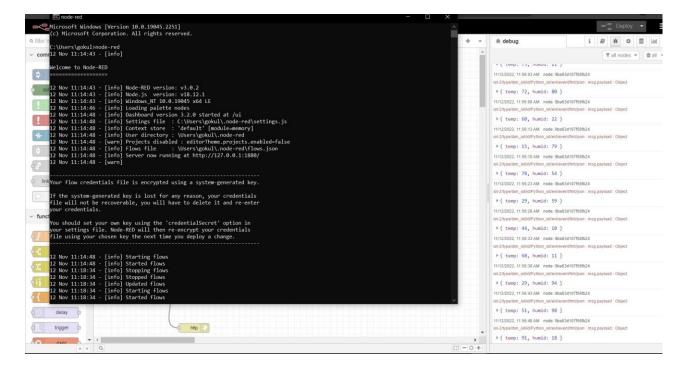
CREATION OF NODE-RED

Date	13 November 2022
Team ID	PNT2022TMID03570
Project Name	Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

Our task to create node-red is successfully done. A screenshot of this node-red screen is attached below:





```
□ □ □ 08
                                                      ibm.py ×
0
                                                      > TIMELINE
 O
                                                                  except Exception as e:
    print("Caught exception connecting device: %s" % str(e))
    sys.exit()
                                                                   deviceCli.connect()
                                                                   while True:
    pH = random.randint(0,100)
    turbidity = random.randint(0,100)
    # Send Temperature & Humidity to IBM Matson
    data = ('temp':pH, 'humid':turbidity) = putput
                                                                          # print data
def myonPublishCallback():
    print("Data publish ",data, "to IBM Watson")
                                                                         > V TERMINAL
                                                            Data publish ('temp': 60, 'humid': 24) to IBM Watson Data publish ('temp': 83, 'humid': 94) to IBM Watson Data publish ('temp': 8, 'humid': 34) to IBM Watson Data publish ('temp': 22, 'humid': 3) to IBM Watson Data publish ('temp': 22, 'humid': 3) to IBM Watson Data publish ('temp': 22, 'humid': 85) to IBM Watson Data publish ('temp': 60, 'humid': 85) to IBM Watson Data publish ('temp': 71, 'humid': 40) to IBM Watson Data publish ('temp': 71, 'humid': 40 to IBM Watson Data publish ('temp': 72, 'humid': 60) to IBM Watson Data publish ('temp': 72, 'humid': 60) to IBM Watson
                                                                                                                                                                                                                                                                                                                                                             ☐ Code
 £63
 × № ⊗ ⊗0 A 0 fl Connect ©
                                                                                                                                                                                                                                                               Ln 47, Col 31 Spaces: 4 UTF-8 CRLF () Python 3.8.8 ('base
```

