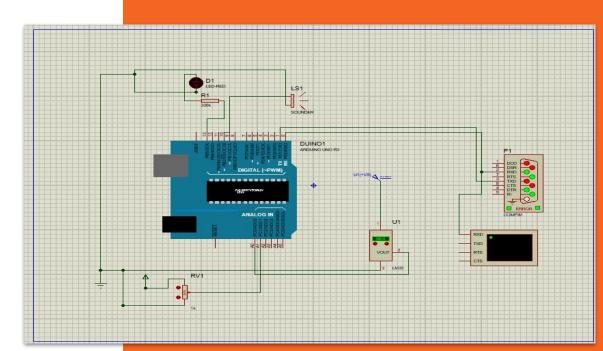
# IOT Assignment Vehicle Monitoring

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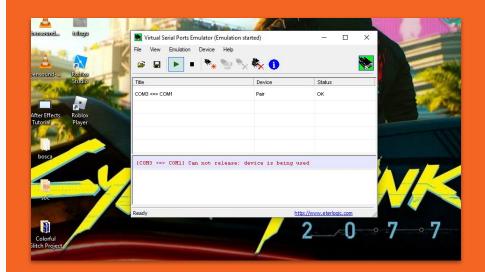
### **Proteus**

No hardware component used, only simulation is done.



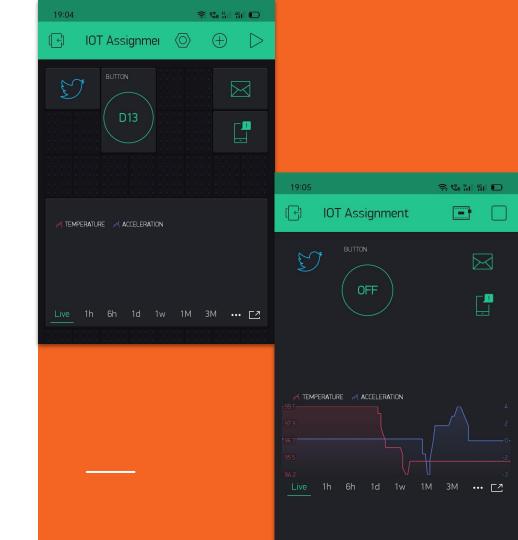
### Virtual Port Emulator

It is used to link to proteus which connects to Blynk cloud.



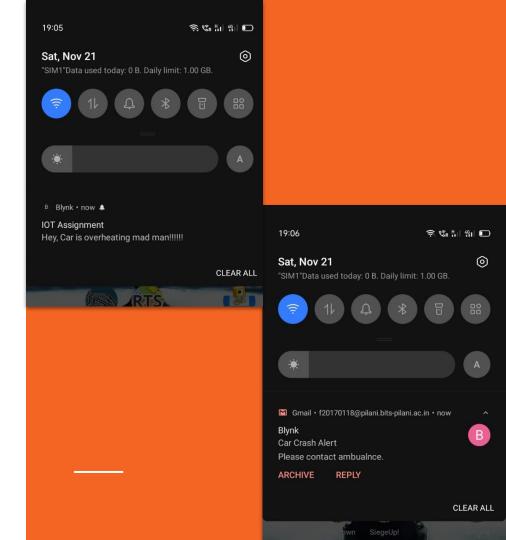
## **Blynk App**

An android app which utilizes api to control and receive data from the arduino connected to the cloud.



#### **Notifications**

It alerts the user if the engine temperature above the tolerable limit and also mails if there is a possibility of car crash by checking the acceleration value. If the value goes too low then it indicates a sudden stopping of the car movement.



#### **Web Server**

Created a flask Web Server and hosted on goormide. Utilized Blynk Rest Api to receive values from the cloud.

