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| **Date** | 01-10-2022 |
| **Team ID** | PNT2022TMID37463 |
| **Project Name** | Signs with Smart Connectivity for Better Road Safety |

**Sprint 1(2)**

#phython code

import requests as reqs

def get(myLocation,APIKEY): apiURL =

f"https://api.openweathermap.org/data/2.5/weather?q={myLocation}&appid={AP IKE Y}"

responseJSON = (reqs.get(apiURL)).json() returnObject = {

"temperature" : responseJSON['main']['temp'] - 273.15, "weather" : [responseJSON['weather'][\_]['main'].lower() for \_ in

range(len(responseJSON['weather']))],

"visibility" : responseJSON['visibility']/100, # visibility in percentage where 10km is 100% and 0km is 0%

}

if("rain" in responseJSON):

returnObject["rain"] = [responseJSON["rain"][key] for key in responseJSON["rain"]]

return(returnObject)