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#1 import
try:
   import configparser
except:
        from six.moves import configparser
import smtplib
from email.mime.multipart import MIMEMultipart
from email.mime.text import MIMEText
#2 variable related to weather API
weather_dict = {'freezing_rain_heavy': 'Heavy rain and snow', 'freezing_rain': 'Rain and snow', 'freezing_rain_light': 'Light rain and snow', 'freezing_drizzle': 'Ligh
url = "https://api.climacell.co/v3/weather/nowcast"
querystring = {"lat":"1.29027","lon":"103.851959","unit_system":"si","timestep":"60","start_time":"now","fields":"temp,humidity,weather_code","apikey":"xxxx"}
#3 class
class EmailSender():
    #4 initialization
   def _init_(self):
    self.cf = configparser.ConfigParser()
         self.cf.read('./config.ini')
self.sec = 'email'
         self.email = self.of.get(self.sec, 'email')
self.host = self.of.get(self.sec, 'host')
self.port = self.of.get(self.sec, 'port')
         self.password = self.cf.get(self.sec, 'password')
    #5 main function to send email
   def SendEmail(self, recipient):
   title = "Home Sweet Home"
         #6 create a new multipart mime object
         msg = MIMEMultipart()
msg ['Subject'] = '[Weather Notification]'
msg ['From'] = self.email
msg ['To'] = ', '.join(recipient)
         $7 call weather API using requests
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$6 create a new multipart mime object
msg = MIMEMultipart()
msg['Subject'] = '[Weather Notification]'
msg['From'] = self.email
msg['To'] = ', '.join(recipient)
#7 call weather API using requests
response = requests.request("GET", url, params=querystring)
result = ""
json_data = response.json()
#print(jeon_data)
#8 loop over each data and check for abnormal weather (rain, snow)
for i in range(len(json_data)):
    if(json_data[i]['weather_code']['value'] in weather_dict):
            result = "%s at the moment. Current temperature is " % (weather_dict[json_data[i]['weather_code']['value']])
            result = "%s in %s hour(s) time. Forecasted temperature is " % (weather_dict[json_data[i]['weather_code']['value']], i)
        result += '%s%s while the humidity is about %s%s' % (json_data[i]['temp']['value'], json_data[i]['temp']['units'], json_data[i]['humidity']['value'], j
        msgText = MIMEText('<b>*s</b>*s' % (title, result), 'html')
        msg.attach(msgText)
        #9 authenticate and send email
        with smtplib.SMTP(self.host, self.port) as smtpObj:
             smtpObj.ehlo()
             smtpObj.starttls()
             smtpObj.login(self.email, self.password)
            smtpObj.sendmail(self.email, recipient, msg.as_string())
return "Success"
        return "Failed"
    import weather email
    email_obj=weather_email.EmailSender()
    email_obj.sendemail(["email@gmail.com", "ashikainbaraj@gmail.com"])
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