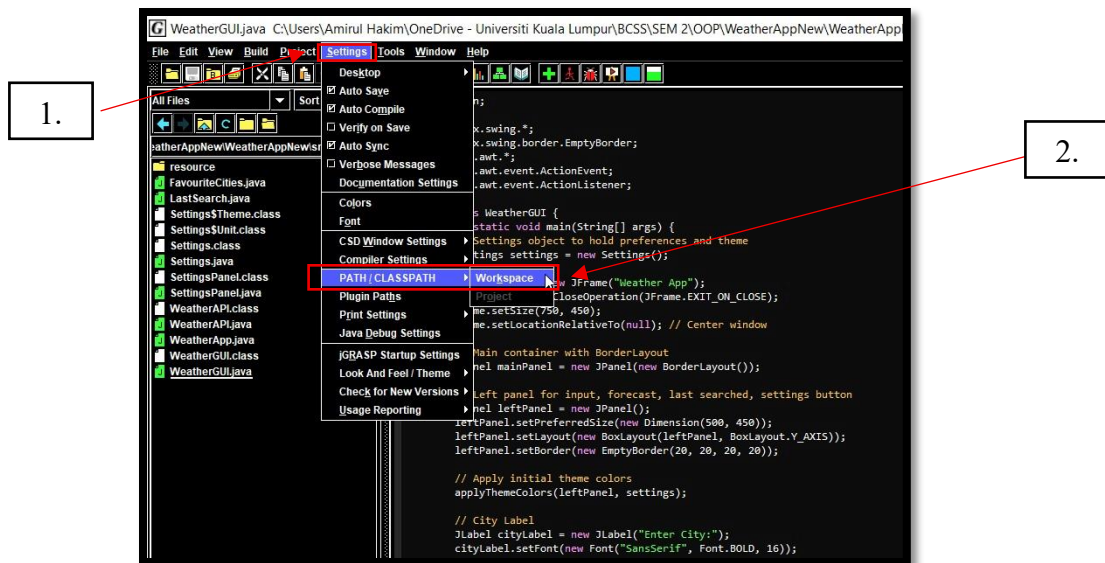
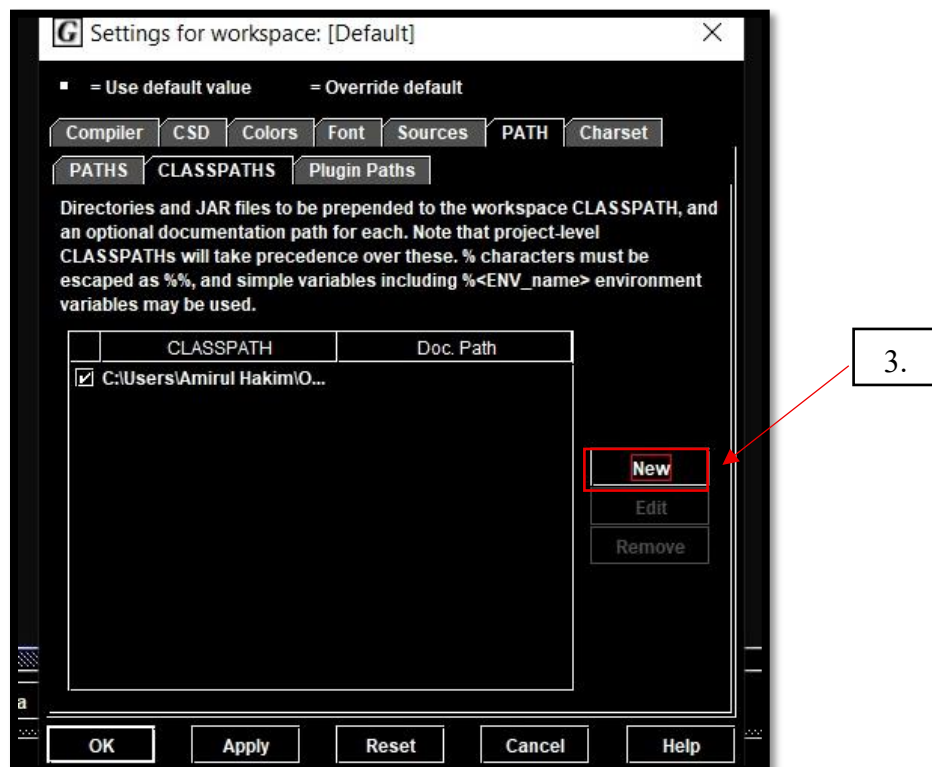


# USER MANUAL

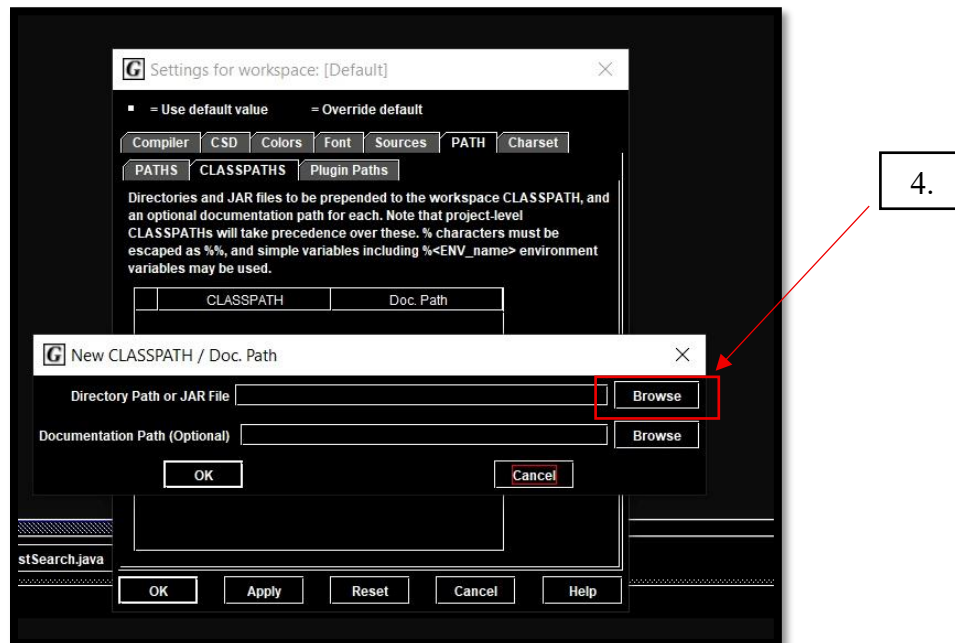
## 1.1 Instruction before starting/running WeatherApp.jav



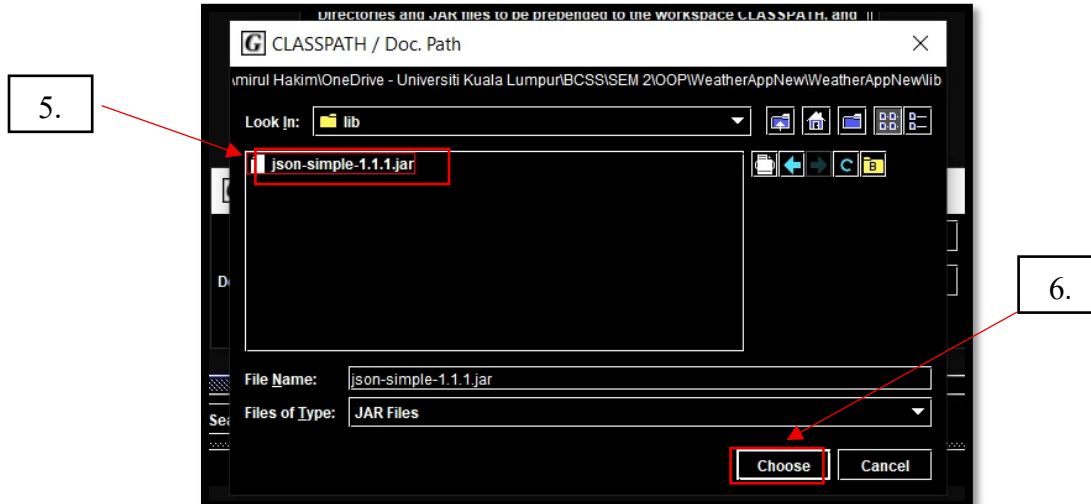
1. Click on the “Settings” at the top panel of your Eclipse IDE.
2. Click at “PATH / CLASSPATH” and click “Workspace”.



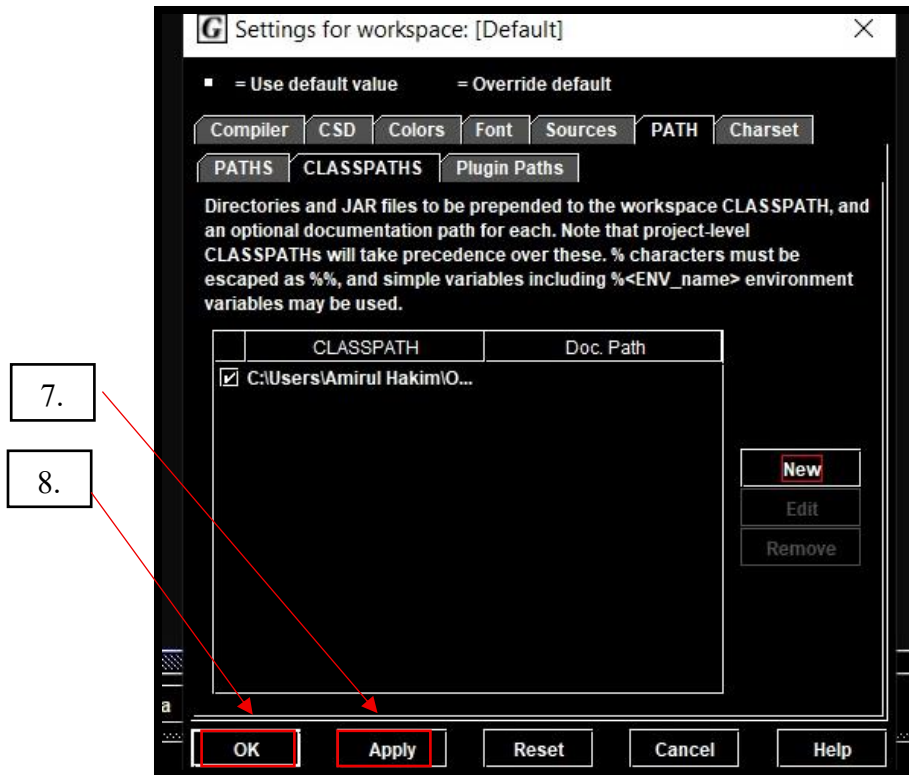
3. Click “New” to add Classpaths.



4. Click “Browse” to find directory path file or JAR file.

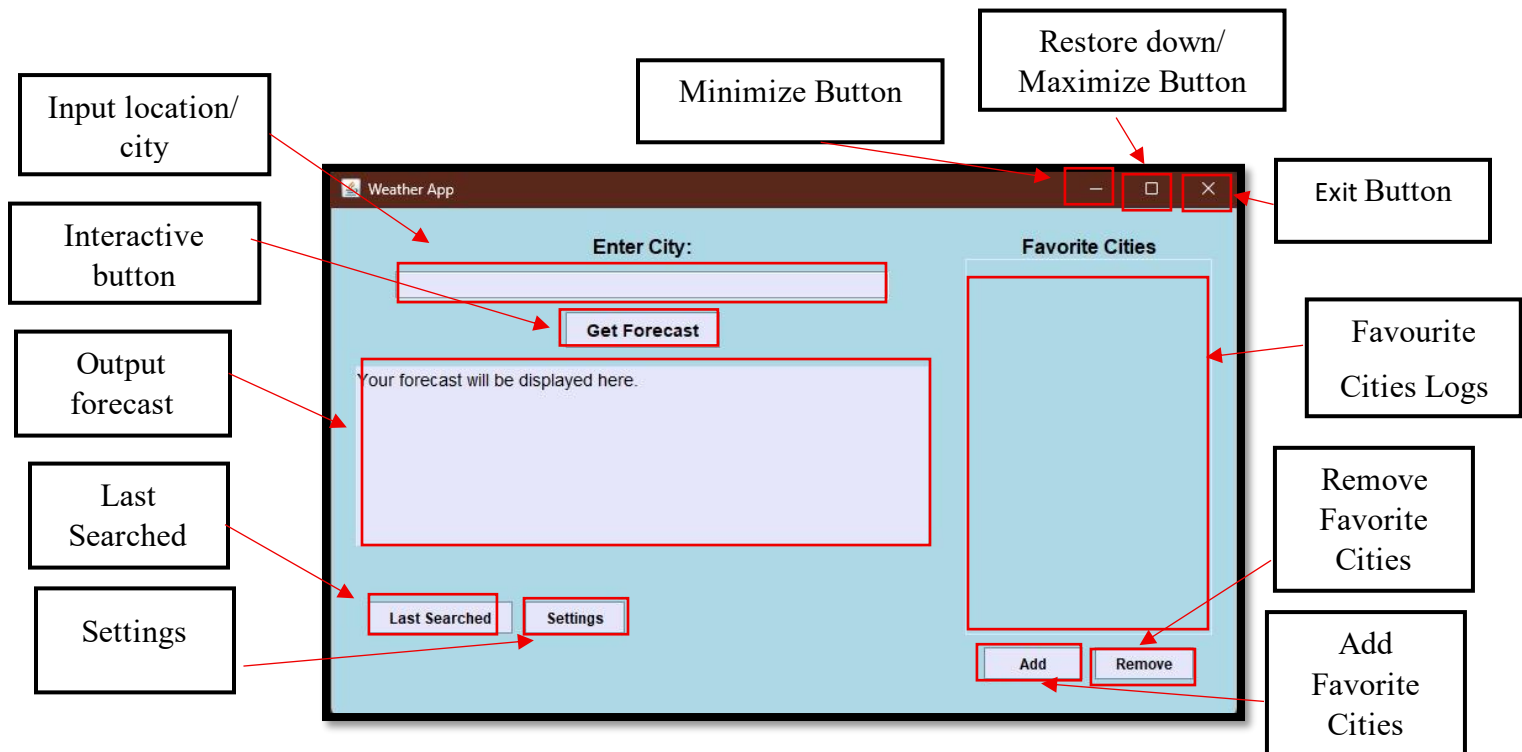


5. Go into “C:\WeatherAppNew\lib” (based on where the file is saved) and click at “json-simple-1.1.1.jar” file.
6. Click “Choose”.



7. Click “Apply” to change the settings.
8. Click “OK” to close the settings.

## 1.2 Guide of using the NewWeatherApp.jar interface

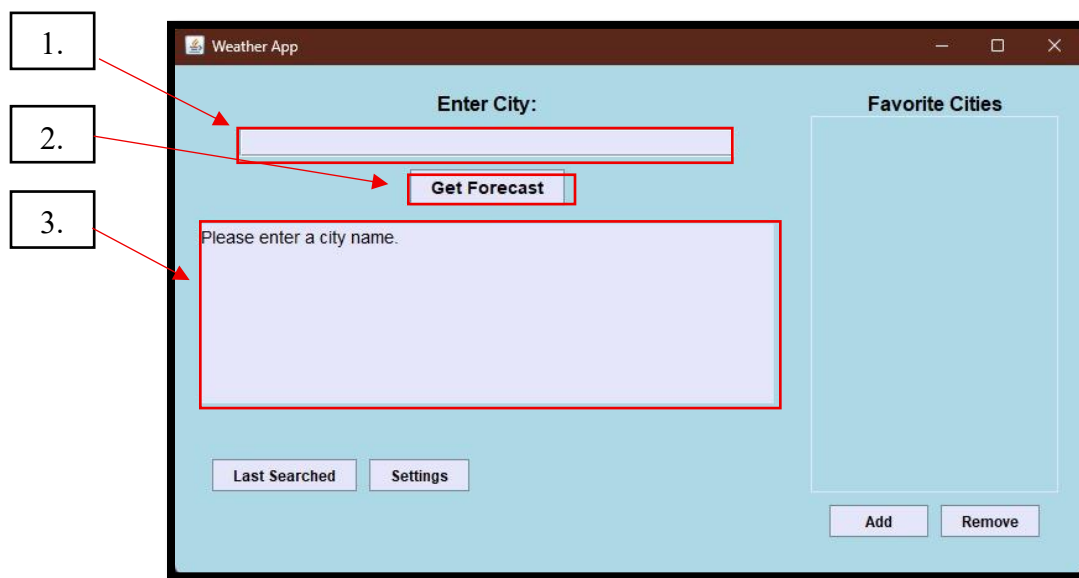


- **Functionality :**

Exit Button	Closes the entire application.
Restore down/ Maximize button	Switches between windowed and full-screen mode.
Minimize button	Minimizes the window to the taskbar/dock.
Input location/city	Accepts user input (city name) for weather lookup.
Interactive button	Triggers fetching of weather data using the input city.
Output forecast	Displays weather results (temperature, humidity, wind speed, condition).
Last Searched	Displays the last searched city output from the user input.
Settings	To change the setting of the theme and temperature unit based on user preferences.
Favourite Cities Logs	Display the location/city that users saved.

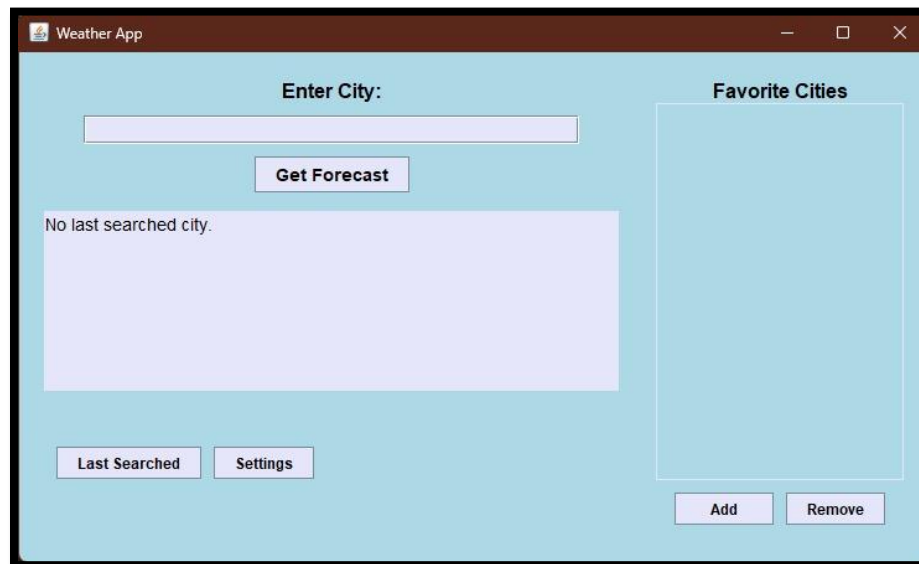
Add Favorite Cities	Add the city/locations from users input to Favourite Cities for users easy to lookup the city/locations and weathers.
Remove Favourite Cities	Remove the city/location from Favourite Cities.

- Guide to use Weather App:



1. Enter/Input the city/location the users want to lookup. Please input the data without any typing error and ensures the field is not empty.
2. Press "Get Forecast" to triggers fetching of weather data by using the input city data.
3. Display weather results based on the city/locations the users want to lookup.

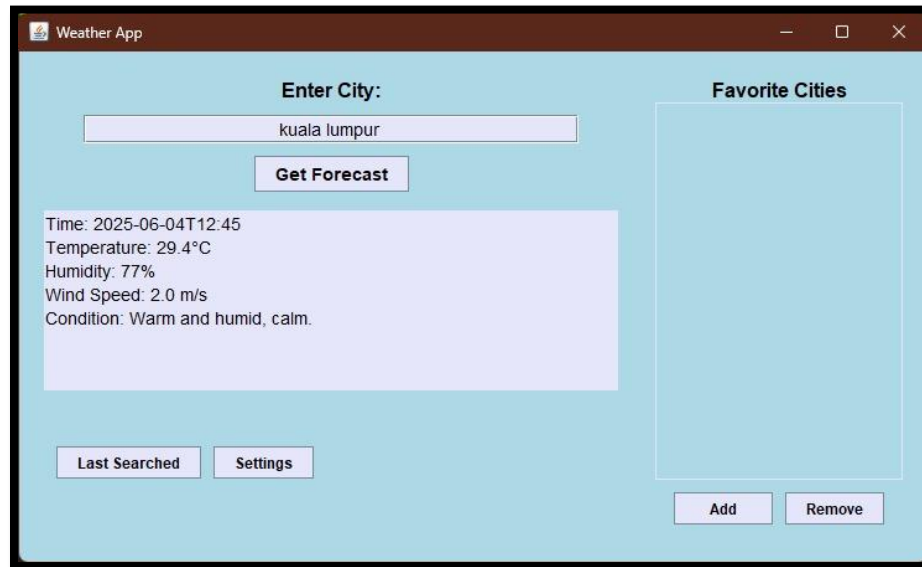
4. Error Output “No input data and the field is empty”:



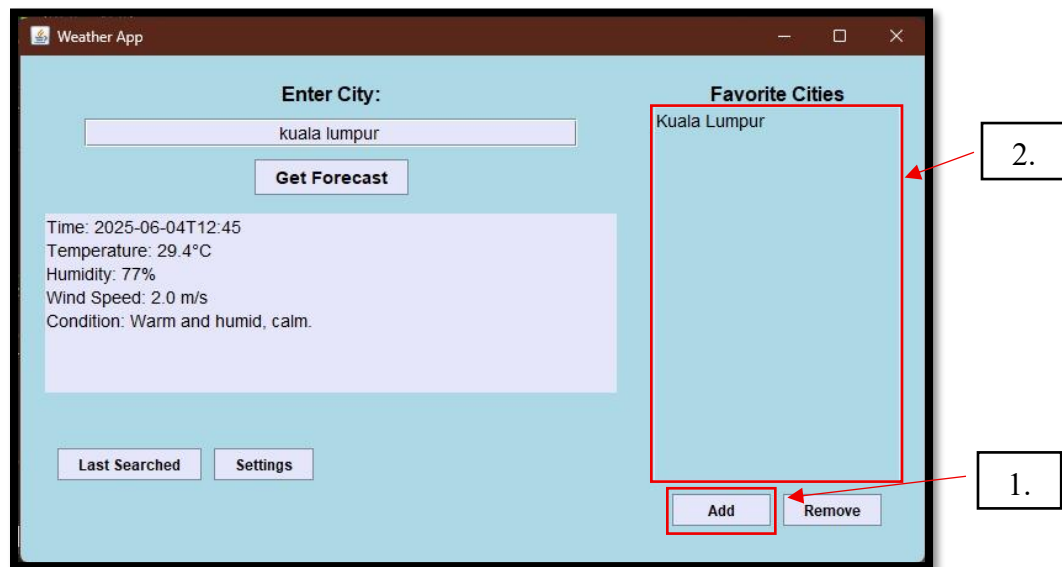
5. Error Output “Typing Error”:



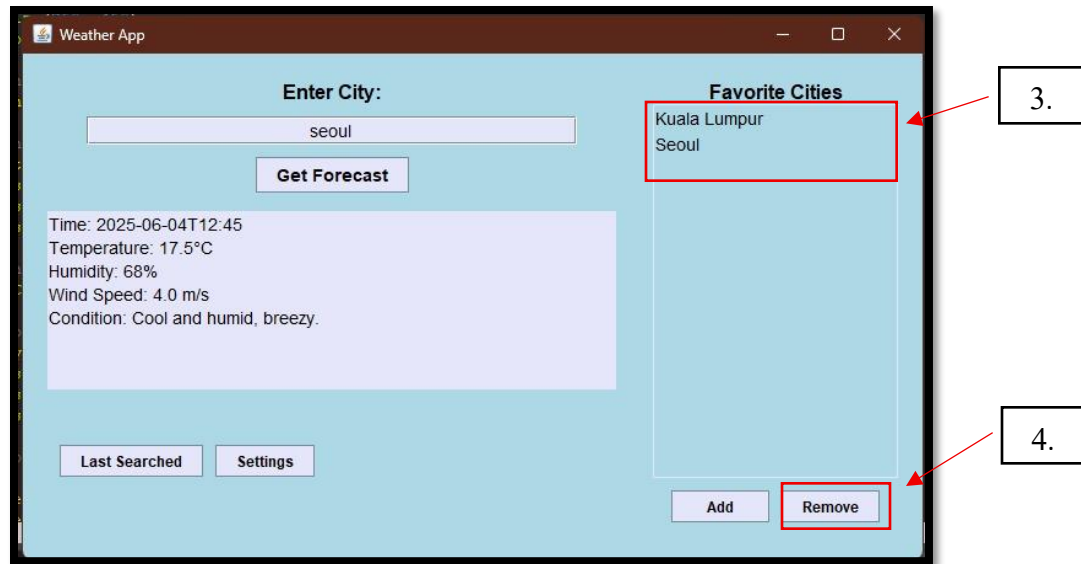
## 6. Successful Output:



- **Add/remove the city/locations to favorites.**



1. After getting the output for the locations/city, press add to save the locations/city and the weather forecast into favorite cities.
2. The locations/city will be saved in the “favorite cities logs” for the user easy to see and lookup.

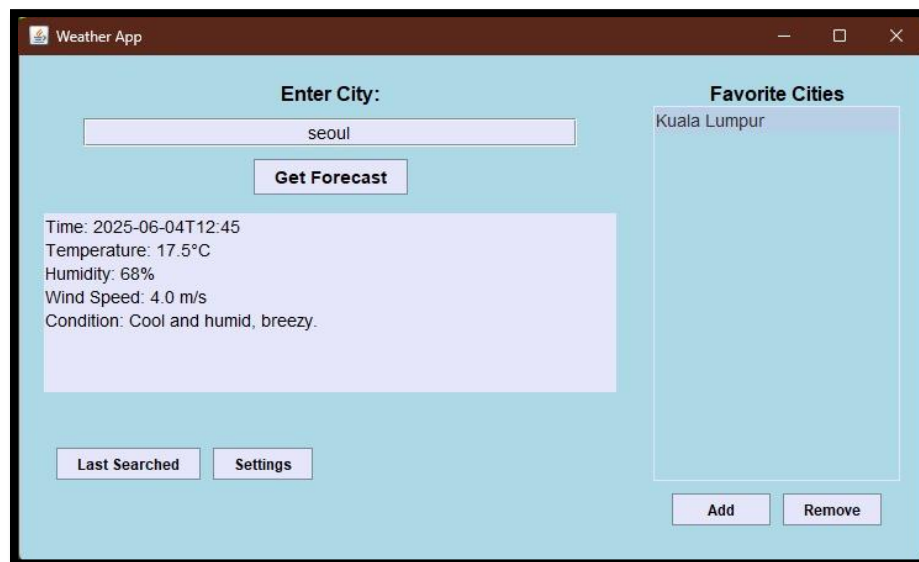


3. Click on the locations/city from the “favorite cities log” that users want to remove.

4. Click “remove” and done, the locations/city will be removed from “Favorite cities log”.

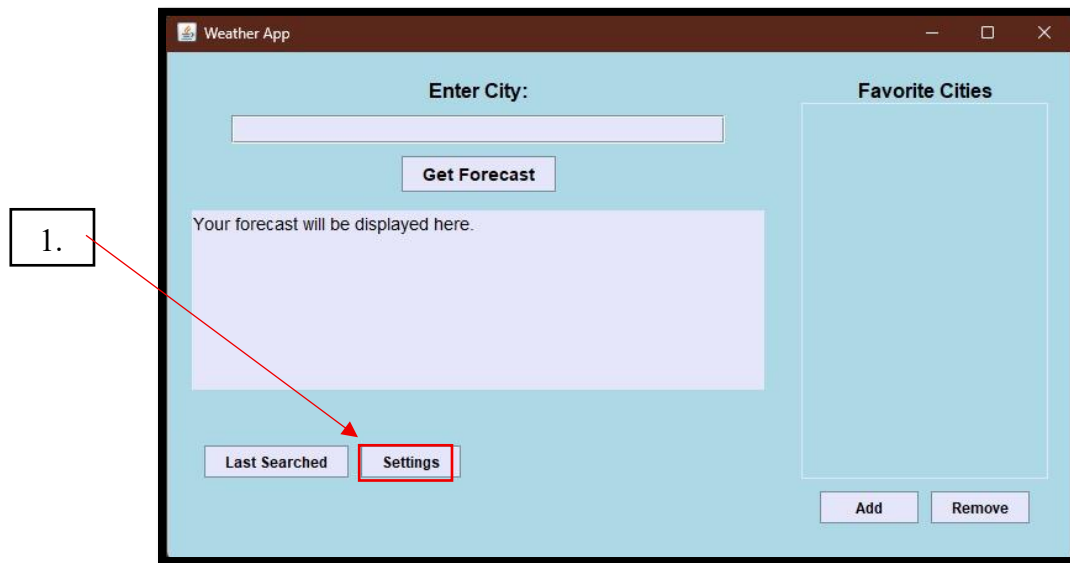
Please proceed with caution, the process is irreversible and will be permanently deleted from the “favorite cities log”.

5. Successful Remove from “Favorite Cities logs”:

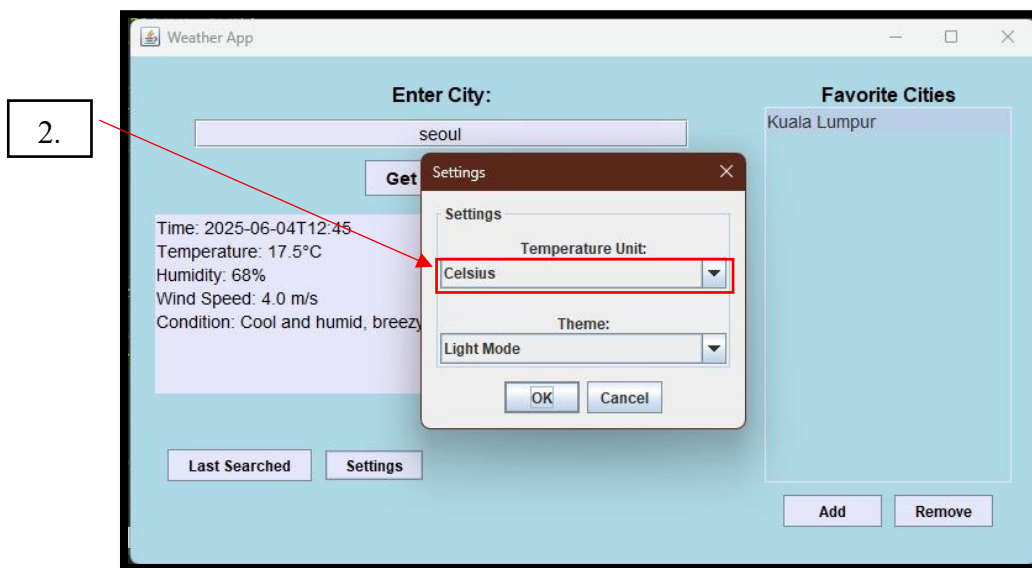




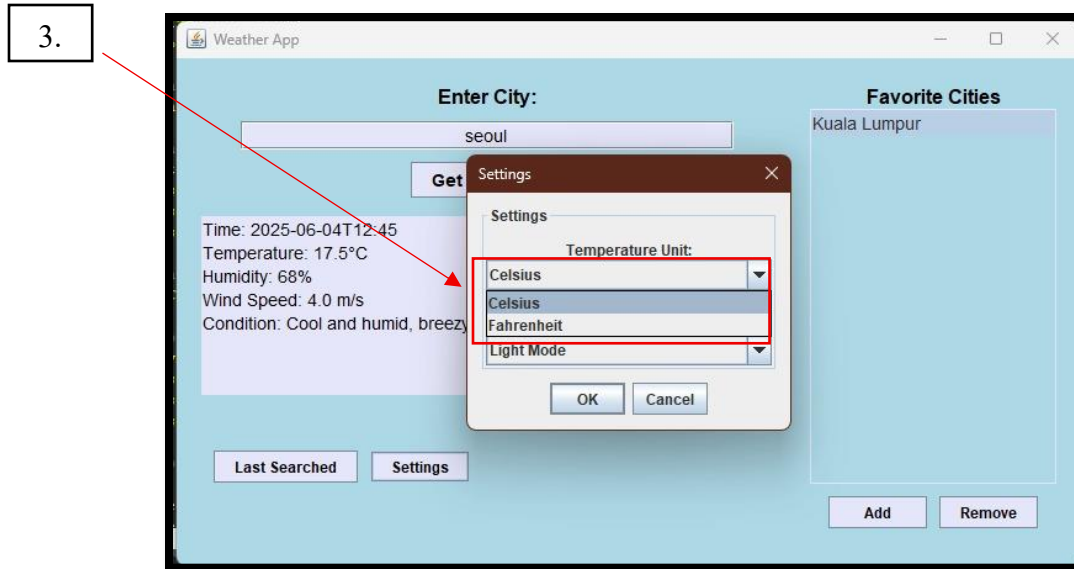
- Change Settings for Temperature Units and Theme.



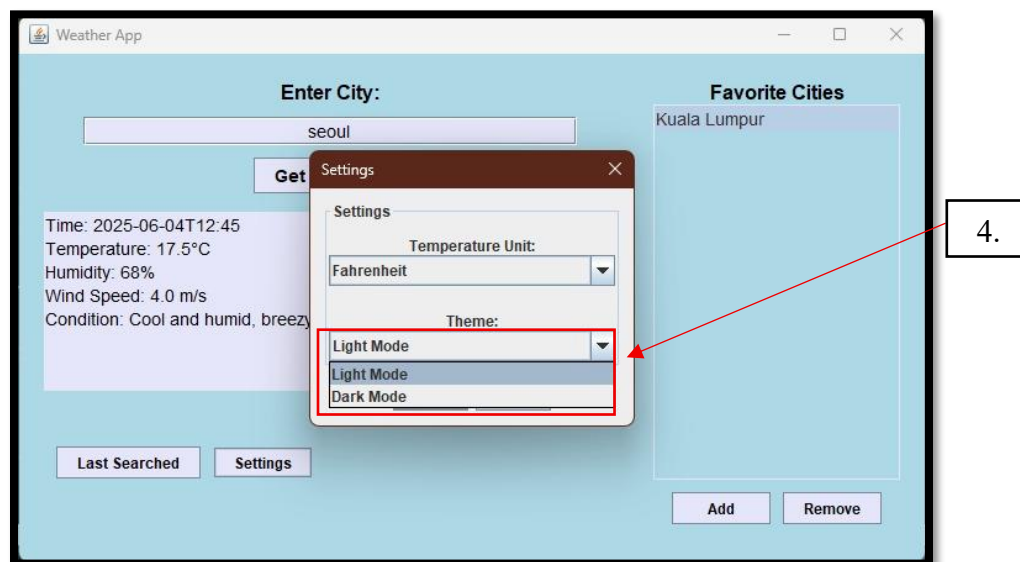
1. Click “Settings”



2. Click at the arrow on the right of the “Temperature Unit:”

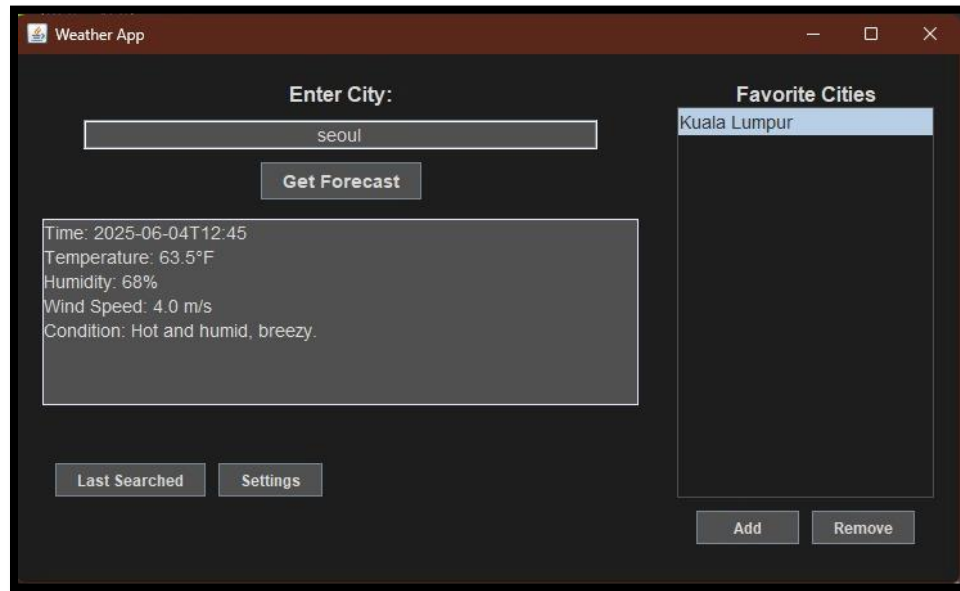


3. Change the Temperature Unit based on your preferences.



4. Click at the arrow on the right of the “Theme” and change the theme based on your preferences.

5. Result of changing the settings:



## REFERENCES

- Docs | Open-Meteo.com. (n.d.). [https://open-meteo.com/en/docs?current=temperature\\_2m,relative\\_humidity\\_2m,wind\\_speed\\_10m&temperature\\_unit=fahrenheit#data\\_sources](https://open-meteo.com/en/docs?current=temperature_2m,relative_humidity_2m,wind_speed_10m&temperature_unit=fahrenheit#data_sources)
- Geocoding API | Open-Meteo.com. (n.d.). <https://open-meteo.com/en/docs/geocoding-api?name=people&count=1>