

1) splash screen created → activity

2) in main.xml → sum by showing →

o In search bar, if you want to show hint
you have to write this

→ quey Hint

→ iconified By Default = "false"

o we are using Lottie animation. so to do so

1) → add implementation in gradle build (app)

2) → make raw folder → right click res → New →
folder → raw resource folder → next/ok

3) → Then download animal from lottie as json file

→ lottie site → search → price > free → save in workspace →
download json from right navigation bar

→ then copy them and past it in raw in App

4) (→ in .xml) → <lottieanim> view (choose from popup) →

set width height & constraint → ⚡ to show

animal → app:lottie_rawRes (this will only be visible
in app) → ⚡ to run animal → autoplay = "true"

(but this will stop after running for one time) →

so to make it run again & again ⇒ loop = "true"

5) ⇒ To add frame =

1) frame layout → add bg from drawable (shape)

2) constraint layout

3) linear layout → long text Text { 6 }

1) scroll ⇒ 4) flow → & drop down from palette & selected

property
of constraint layout all linear layout & move inside new layout
From Attribute \Rightarrow orientation \rightarrow horizontal
maclement \rightarrow wrap mode \rightarrow chain
do constraints

6) \Rightarrow To use open weather api \rightarrow you have to sign then
after some time your API will get activated.

o scroll & search for API using city name
copy code \rightarrow paste it in new window
now go back to open weather site &
go to your name \gg my api \gg copy the API
now in new window paste API link enter
city name in place of {copy to Name} &
API id at last \rightarrow enter \rightarrow data
will be shown

copy data that got repeated

7) \Rightarrow To use API in your app \rightarrow in your API on top right
comes \Rightarrow go to plugins \rightarrow marketplace \rightarrow type
 \rightarrow install from to Kotlin \rightarrow ok

\rightarrow Right click on com.eg.appName \rightarrow New \rightarrow
Kotlin data class from file from JSON \rightarrow
past copied data that you got by entering
city & api key {data ---}, paste it
where I is written \rightarrow then give class
name \gg weather app \rightarrow Click "Generate"
{some files will get created}

- 3) Now add 2 dependencies in gradle.build
- (1) Json converter → to convert json data to list
 - (2) retrofit → to fetch api data
→ Sync
- 4) Now we have to make API interface, through which we'll get data
- Right click com.eg.appname → New → Kotlin file class
- Interface and write "API Interface" -renamed
- 5) Now in Interface we have to get weather forecast
→ write = @GET("weather")
 fun getWeatherData(
 @Query("q") city: String,
 @Query("appid") appid: String,
 @Query("units") units: String)
): Call<WeatherApp>
- extend this with ↴
 ↴ call ↓
 ↴ alt+enter ↓
 ↴ its class name se json data
 ↴ generate kya tha

- 6) we'll call this in main activity
- make fetchWeatherData() & write code as mentioned
- Learnings
- 1) To search log TAG → in Logcat
select from filter icon → package name
then enter TAG name
 - 2) after you apply view binding → then remove set content view (R.layout.activity_main)
→ until & unless you do this the temp or other id will not get reflected in app when it will run.