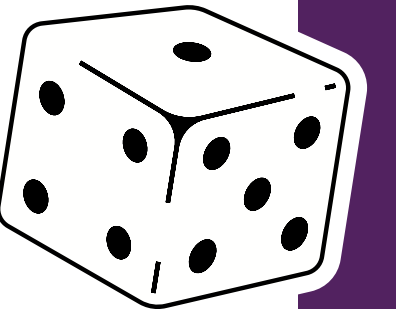
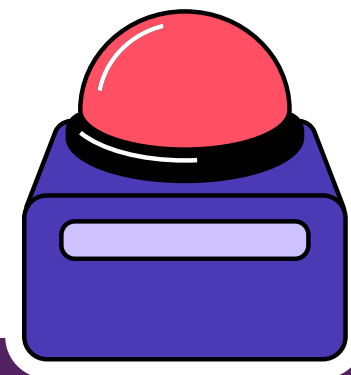




ACTIVITY 23



Mobile Application Development
Essentials - IT 3



START



INSTRUCTIONS

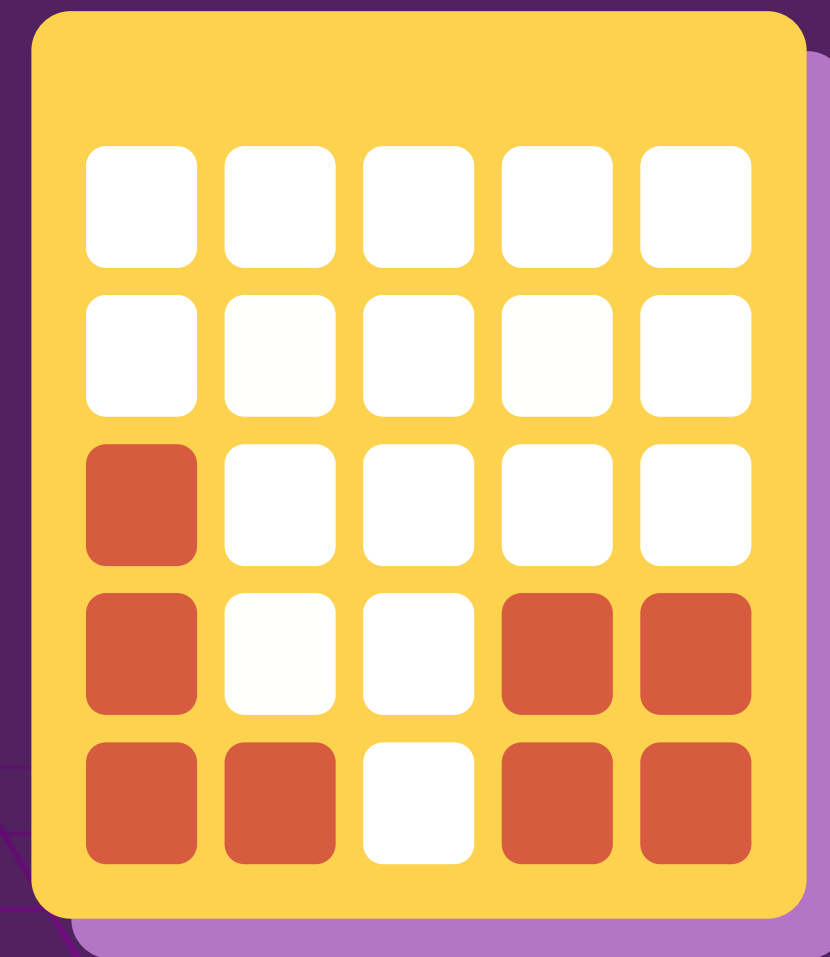
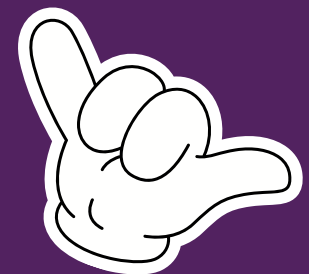
01

Fragments – (What are fragments ? Why do we need it ? What does it do ?)

02

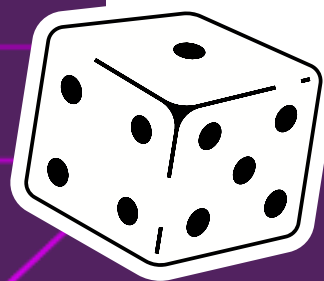
Views - (What are Views ? Why do we need it ? What does it do ?)

NICE TRY



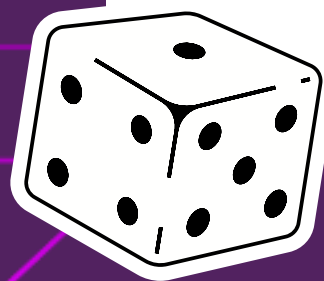
WHAT DOES FRAGMENTS DO ?

A Fragment is a reusable piece of your app's user interface. A fragment has its own layout, its own lifespan, and it may handle its own input events. Fragments cannot exist alone; they must be hosted by an activity or another fragment.



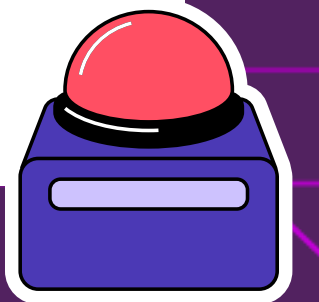
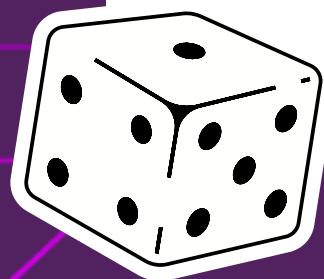
WHY DO WE NEED FRAGMENTS?

By dividing the UI into separate sections, fragments add modularity and reusability to your activity's UI. Activities are an excellent area to place global components such as a navigation drawer throughout your app's user interface. Fragments, on the other hand, are better suited to create and control the UI of a single screen or piece of a screen.



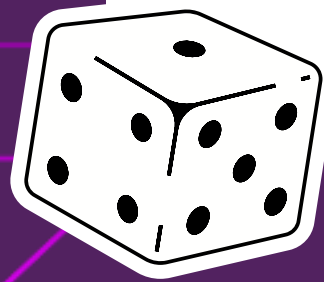
WHAT DOES VIEWS DO ?

View is the basic building block of UI(User Interface) in android. View refers to the `android.view.View` class, which is the super class for all the GUI components like `TextView`, `ImageView`, `Button` etc. View class extends `Object` class and implements `Drawable.Callback`, `KeyEvent.Callback` and `AccessibilityEventSource`.



WHY DO WE NEED VIEWS ?

The purpose of a view is to draw content on the user's Android device's screen. Using Java code, a view may be readily constructed in an application. It is easier to create in the project's XML layout file

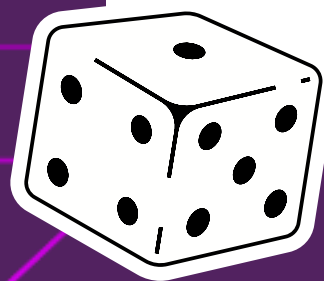


REFERENCES:

Fragments : android developers. Android Developers. (n.d.). Retrieved January 20, 2023, from <https://developer.android.com/guide/fragments#:~:text=A%20Fragment%20represents%20a%20reusable,an%20activity%20or%20another%20fragment>.

Introduction to Android views and viewgroups. Studytonight.com. (n.d.). Retrieved January 20, 2023, from <https://www.studytonight.com/android/introduction-to-views>

Team, D. F. (2021, August 25). Android layout and views - types and examples. DataFlair. Retrieved January 20, 2023, from <https://data-flair.training/blogs/android-layout-and-views/#:~:text=Now%20you%20might%20be%20thinking,layout%20file%20of%20the%20project>.



THANK
YOU!

