**What is the generic name for a graphical element (such as a button or a check box for instance) which can be used in the user interface of your application?**



**Correct Response**

**What is the name of the views that allow you to organize the position of the graphical components on the activity screen?**



frames



layouts

**Correct**

is selected.This is correct.



grids



containers

**How can you refer to a view?**



using its type and the id of its parent ("LinearLayout3.Button")



using the unique id you set for it (“saveBt”, “welcomeText”...)

**Correct**

is selected.This is correct.



using its position on the grid which organizes the layout of every screen ([2,3]...)

**To introduce interactivity in your application, you need to:**



use specific views called ActiveViews



to specify clickable areas on the screen



to create an Action board for the application and to link each Activity to this Action board



to attach actions to the events which can occur on views

**Correct**

**Multiple activities are active during the execution of an application:**



simultaneously



sequentially

**Correct**

**Congratulations! You passed!**

**TO PASS**80% or higher

Keep Learning

**GRADE**

96.29%

**Quiz about Activities and GUI**

**TOTAL POINTS 9**

1.Question 1

What is a *view*?



It is a graphical element which can be used in the user interface of your application.



It is a structure which organizes the position of the different buttons, texts and images of the graphical user interface of your application.



It is the layout of the screen displayed to the user and which serves as an interface for your application.

**Correct**

Correct! Examples of views: Button, ImageView, EditText, RadioButton, but also LinearLayout...

**1 / 1 point**

2.Question 2

Is it possible to use multiple views on a single screen of the graphical user interface of your application?



No



Yes

**Correct**

For instance you can have a TextView, an ImageView and a Button.

**1 / 1 point**

3.Question 3

What is the name of the views that allow you to organize the position of the graphical components on the activity screen?

layout

**Correct**

The video features the LinearLayout (in its horizontal and vertical variations) and the RelativeLayout which are probably the most commonly used. However there are other view groups such as the GridLayout or the FrameLayout.

**1 / 1 point**

4.Question 4

Is it possible to nest a layout within another one?



yes



no

**Correct**

Correct. For instance the video features a vertical LinearLayout which includes a vertical LinearLayout in one of its rows.

**1 / 1 point**

5.Question 5

Android buttons have a predefined style. The size and color of a button and its text cannot be changed.



false



true

**Correct**

Correct.

**1 / 1 point**

6.Question 6

Associating a name (unique id) to a view is mandatory when using what kind of layout?



a vertical linear layout



a horizontal linear layout



a relative layout

**Correct**

Correct. In a relative layout, views are aligned to the right of / left of / start of / end of / top of / bottom of / above or below other views. It is necessary to be able to refer to other views in order to specify to the left of which particular view the current view should be aligned.

**1 / 1 point**

7.Question 7

Which actions can be triggered by a button click? (check all that apply)



change appearance of the button



change appearance of other views of the same activity

**Correct**



start a different activity

**Correct**

You didn’t select all the correct answers

**0.667 / 1 point**

8.Question 8

When an activity A starts an activity B (check all that apply):



the activity B is not displayed immediately: it will come to the foreground only when the user presses the back button of the phone



the activity A is destroyed



the activity A is paused or stopped

**Correct**



the activity B comes to the foreground

**Correct**

**1 / 1 point**

9.Question 9

Activities are completely independent from one another, they cannot share data.



true



false

**Correct**

Correct. The video explains that when an activity starts another, it can attach some information which can be retrieved by the newly started activity. In this MOOC we will cover another way of sharing data between activities, using a "preferences" file.