### **Which property of the Text widget is used to apply text styling, such as font size, color, and weight?**

### a) style

### b) textAlign

### c) softWrap

### d) overflow

1. **Which property of the Text widget is used to align text horizontally?**

a) style

b) textAlign

c) softWrap

d) overflow

1. **What is the default value of the softWrap property in a Text widget?**

a) true

b) false

c) null

d) Depends on the style

1. **How do you make the text in a Text widget bold?**

a) Set the fontWeight property to FontWeight.bold in the style.

b) Use the bold property directly in the Text widget.

c) Set the textAlign property to FontWeight.bold.

d) Use Text.bold instead of Text.

1. **Which property of the Text widget specifies how to handle overflow text?**

a) style

b) textAlign

c) overflow

d) softWrap

1. **Which widget should be used if you want text with different styles in one line?**

a) Text

b) RichText

c) TextField

d) FlexibleText

1. **Which Flutter widget is used to display an image?**

a) ImageView

b) Image

c) Picture

d) Photo

1. **Which constructor of the Image widget is used to load an image from the internet?**

a) Image.asset

b) Image.file

c)Image.network

d) Image.memory

1. **Which property of the Image widget is used to fit an image inside its container?**

a) alignment

b) fit

c) scale

d) repeat

1. **How do you set an image to repeat in both the x and y directions?**

a) Set the repeat property to ImageRepeat.repeatBoth.

b) Set the alignment property to Alignment.center.

c) Set the repeat property to ImageRepeat.repeat.

d) Set the fit property to BoxFit.cover.

1. **What is the purpose of the Image.asset constructor?**

a) Load an image from the device's local file system.

b) Load an image from the internet.

c) Load an image from the app's asset folder.

d) Load an image from memory as bytes.

1. **Which property of the Image widget is used to control the alignment of the image?**

a) fit

b) alignment

c) scale

d) filterQuality

1. **What does the BoxFit.cover value of the fit property do?**

a) Stretches the image to fill its container.

b) Ensures the image maintains its aspect ratio while completely filling the container.

c) Centers the image without scaling it.

d) Repeats the image across the container.

1. **Which Flutter widget allows you to blur an image?**

a) BackdropFilter

b) ImageFilter

c) ImageBlur

d) BoxDecoration

1. **What property is used to load an image with higher-quality rendering?**

a) scale

b) fit

c) filterQuality

d) alignment

1. **What is the purpose of the Image.memory constructor?**

a) Load an image from the internet.

b) Load an image from raw bytes in memory.

c) Load an image from the asset folder.

d) Load an image from the file system.

1. **Which widget is used to display icons in Flutter?**

a) Image

b) Icon

c) Text

d) WidgetIcon

1. **Which property of the Icon widget is used to change the color of an icon?**

a) style

b) color

c) iconColor

d) foreground

1. **What is the default size of an Icon in Flutter?**

a) 16.0

b) 20.0

c) 24.0

d) 28.0

1. **How can you increase the size of an Icon?**

a) Using the scale property.

b) Using the fontSize property.

c) Using the size property.

d) Using the resize property.

1. **Which of the following is an example of a material icon?**

a) Icons.add

b) IconData.star

c) FontAwesome.home

d) CustomIcons.arrow

1. **Which widget combines an icon with text?**

a) Text

b) IconButton

c) Row

d) RichText

1. **What is the purpose of the IconButton widget?**

a) To add color to an icon.

b) To display an icon that performs an action when tapped.

c) To combine an icon with text.

d) To increase the size of an icon.

1. **Which class is used to create custom icons?**

a) CustomIcon

b) IconData

c) MaterialIcon

d) FontIcon

1. **What is the purpose of the ListView widget in Flutter?**

a) To display a list of items in a scrollable column.

b) To display a grid of items.

c) To display non-scrollable text.

d) To display icons in a row.

1. **Which constructor is used to create a ListView with a fixed number of children?**

a) ListView.builder

b) ListView

c) ListView.separated

d) ListView.custom

1. **Which constructor is used to create a ListView with dynamically generated items?**

a) ListView

b) ListView.builder

c) ListView.separated

d) ListView.dynamic

1. **How do you add a divider between items in a ListView?**

a) Use the ListView.separated constructor.

b) Use the Divider widget in the ListView.

c) Both a and b.

d) Dividers are not supported in ListView.

1. **What does the itemCount property of ListView.builder specify?**

a) The height of each item in the list.

b) The total number of items in the list.

c) The width of the list.

d) The spacing between list items.

1. **Which property of ListView makes it scroll horizontally instead of vertically?**

a) scrollDirection: Axis.vertical

b) scrollDirection: Axis.horizontal

c) direction: Horizontal

d) scrollable: true

1. **Which constructor of ListView allows you to define headers and dividers between list items?**

a) ListView.builder

b) ListView

c) ListView.separated

d) ListView.custom

1. **What is the default scrolling direction for a ListView widget?**

a) Horizontal

b) Vertical

c) Diagonal

d) Both vertical and horizontal

1. **How do you make a ListView item clickable?**

a) Wrap it with an InkWell or GestureDetector.

b) Use the onTap property of the ListView.

c) Use the onClick property of the ListView.

d) ListView items cannot be made clickable

1. **What happens if you don’t specify an itemCount in ListView.builder?**

a) It throws an error.

b) It creates an infinite list.

c) It creates a list with a default size of 10.

d) It displays no items

1. **Which of the following is a primary use of the GridView widget in Flutter?**

a) Displaying a single child widget.

b) Displaying a scrollable, 2D array of widgets.

c) Creating a navigation drawer.

d) Building a column with dynamic height.

1. **What is the default scrolling direction of a GridView in Flutter?**

a) Horizontal

b) Vertical

c) Both horizontal and vertical

d) None of the above

1. **Which constructor would you use to create a grid with a fixed number of tiles per row?**

a) GridView.builder

b) GridView.count

c) GridView.extent

d) GridView.custom

1. **In GridView.count, what does the crossAxisCount parameter specify?**

a) The number of rows in the grid.

b) The number of columns in the grid.

c) The height of each grid tile.

d) The width of each grid tile.

1. **What is the purpose of the childAspectRatio property in GridView.count?**

a) To set the height of the grid.

b) To define the aspect ratio of each child widget.

c) To control the padding between grid items.

d) To determine the number of children in the grid.

1. **Which GridView constructor provides infinite scrolling with dynamically loaded content?**

a) GridView.count

b) GridView.extent

c) GridView.builder

d) GridView.custom

1. **Which parameter in GridView.extent controls the maximum width of each grid tile?**

a) maxExtent

b) maxWidth

c) maxCrossAxisExtent

d) maxAxisExtent

1. **How do you add padding between items in a GridView?**

a) Using the itemSpacing property.

b) Using the crossAxisSpacing and mainAxisSpacing properties.

c) Using the gridSpacing property.

d) Using the paddingBetween property.