

109590059 HW#02

Problem 1

****Question 1****

Which two layout constraint attributes on the ****Zero**** `Button` position it vertically equal distance between the other two `Button` elements? (Pick 2 answers.)

- `app:layout_constraintBottom_toTopOf="@+id/button_count"`
- `android:layout_marginBottom="8dp"`
- `android:layout_marginStart="16dp"`
- `app:layout_constraintTop_toBottomOf="@+id/button_toast"`
- `android:layout_marginTop="8dp"`

Answer 1

- `app:layout_constraintBottom_toTopOf="@+id/button_count"`
- `app:layout_constraintTop_toBottomOf="@+id/button_toast"`

Problem 2

****Question 2****

Which layout constraint attribute on the ****Zero**** `Button` positions it horizontally in alignment with the other two `Button` elements?

- `app:layout_constraintLeft_toLeftOf="parent"`
- `app:layout_constraintBottom_toTopOf="@+id/button_count"`
- `android:layout_marginBottom="8dp"`
- `app:layout_constraintTop_toBottomOf="@+id/button_toast"`

Answer 2

`app:layout_constraintLeft_toLeftOf="parent"`

Problem 3

****Question 3****

What is the correct signature for a method used with the `android:onClick` XML attribute?

- `public void callMethod()`
- `public void callMethod(View view)`
- `private void callMethod(View view)`
- `public boolean callMethod(View view)`

Answer 3

`public void callMethod(View view)`

Problem 4

****Question 4****

The click handler for the ****Count**** Button starts with the following method signature:

```
public void countUp(View view)
```

Which of the following techniques is more efficient to use within this handler to change the Button element's background color? Choose one:

- Use findViewById to find the Count Button . Assign the result to a View variable, and then use setBackgroundColor() .
- Use the view parameter that is passed to the click handler with setBackgroundColor() :
view.setBackgroundColor()

Answer 4

Use the view parameter that is passed to the click handler with setBackgroundColor() :
view.setBackgroundColor()