

University of Anbar
College of Computer Science and Information
Technology
Computer Science Department



Mobile Application Programming

Lab Seven Third Stage

First Course 2023 - 2024

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Xml code

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity" >
<EditText
android:id="@+id/firstn"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="16dp"
android:ems="10"
android:inputType="number"
app:layout_constraintBottom_toTopOf="@+id/secondn"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.42"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.651" />
<EditText
android:id="@+id/secondn"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginTop="16dp"
android:layout_marginBottom="16dp"
android:ems="10"
android:inputType="number"
app:layout_constraintBottom_toTopOf="@+id/result"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.455"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/firstn"
/>
<EditText
android:id="@+id/result"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_marginBottom="16dp"
android:ems="10"
android:inputType="number"
app:layout_constraintBottom_toTopOf="@+id/sum"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent" />
<Button
android:id="@+id/sum"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginBottom="236dp"
android:text="Button"
app:layout_constraintBottom_toBottomOf="parent"
```

```
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintStart_toStartOf="parent" />  
</androidx.constraintlayout.widget.ConstraintLayout>
```

Code java

```
package com.example.myapplication;  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
public class MainActivity extends AppCompatActivity {  
    @Override  
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_main);  
        EditText first= findViewById(R.id.firstn);  
        EditText second =findViewById(R.id.secondn);  
        EditText res1=findViewById(R.id.result);  
        Button bu=findViewById(R.id.sum);  
        bu.setOnClickListener(new View.OnClickListener() {  
            @Override  
            public void onClick(View v) {  
                String num1=first.getText().toString();  
                String num2=second.getText().toString();  
                int i =Integer.parseInt(num1);  
                int y=Integer.parseInt(num2);  
                int re=i+y;  
                res1.setText("Result:"+re);}});  
    }  
}
```