

Assignment - 2

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Batch - B

PROGRAM – 2

Activity_Main

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:weightSum="1">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/linearLayout1"
        android:layout_marginLeft="10pt"
        android:layout_marginRight="10pt"
        android:layout_marginTop="3pt">
        <EditText
            android:layout_weight="1"
            android:layout_height="wrap_content"
            android:layout_marginRight="5pt"
            android:id="@+id/etstr1"
            android:layout_width="match_parent"
            android:inputType="text">
        </EditText>
        <EditText
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:layout_marginLeft="5pt"
            android:id="@+id/etstr2"
            android:layout_width="match_parent"
            android:inputType="text">
        </EditText>
    </LinearLayout>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/linearLayout2"
        android:layout_marginTop="3pt"
        android:layout_marginLeft="5pt"
        android:layout_marginRight="5pt">
        <Button
```

```

        android:layout_height="wrap_content"
        android:layout_width="match_parent"
        android:layout_weight="1"
        android:text="combine"
        android:textSize="8pt"
        android:id="@+id/btnAdd">
</Button>

</LinearLayout>
<TextView
    android:layout_height="wrap_content"
    android:layout_width="match_parent"
    android:layout_marginLeft="5pt"
    android:layout_marginRight="5pt"
    android:textSize="12pt"
    android:layout_marginTop="3pt"
    android:id="@+id/tvResult"
    android:gravity="center_horizontal"
    android:layout_weight="0.07">
</TextView>
</LinearLayout>

```

JAVA File: -

```

package com.example.myconcat;

import android.os.Bundle;
import android.text.TextUtils;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

import com.example.myconcat.R;

public class MainActivity extends AppCompatActivity implements View.OnClickListener{

    EditText etstr1;
    EditText etstr2;

```

Button btnAdd;

TextView tvResult;

*/** Called when the activity is first created. */*

@Override

```
public void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main);
```

```
    // find the elements
```

```
    etstr1 = (EditText) findViewById(R.id.etstr1);
```

```
    etstr2 = (EditText) findViewById(R.id.etstr2);
```

```
    btnAdd = (Button) findViewById(R.id.btnAdd);
```

```
    tvResult = (TextView) findViewById(R.id.tvResult);
```

```
    // set a listener
```

```
    btnAdd.setOnClickListener(this);
```

```
}
```

@Override

```
public void onClick(View v) {
```

```
    // TODO Auto-generated method stub
```

```
    String str1;
```

```
    String str2;
```

```
    String result;
```

```
// check if the fields are empty
```

```
    if (TextUtils.isEmpty(etstr1.getText().toString())
```

```
        || TextUtils.isEmpty(etstr2.getText().toString())) {
```

```
        return;
```

```
    }
```

```
    str1=etstr1.getText().toString();
```

```
    str2=etstr2.getText().toString();
```

```
    result=str1+" "+str2;
```

```
// form the output line
```

```
    tvResult.setText(result);
```

```
    }
```

```
}
```