VIT-AP UNIVERSITY, ANDHRA PRADESH

Lab Sheet 3: Calculator

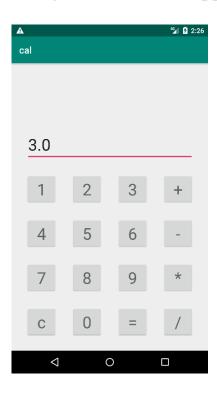
Branch/ Class: B. Tech Academic year: 2022-2023 Semester: Fall Date: 23/09/2022

Faculty Name: Dr. K Rajesh School: SCOPE

NAME: MAJJIGA JASWANTH **REGNO: 20BCD7171**

Lab3:

1. Design a Calculator App.



CODE:

MainActivity.java:

```
Float res1, res2;
boolean add, sub, mul, div;
    protected void onCreate(Bundle savedInstanceState) {
                 e.setText(e.getText().toString() + "1");
            public void onClick(View view) {
                 e.setText(e.getText().toString() + "3");
        b4.setOnClickListener(new View.OnClickListener() {
                 e.setText(e.getText().toString() + "4");
            public void onClick(View view) {
```

```
b6.setOnClickListener(new View.OnClickListener() {
    public void onClick(View view) {
b8.setOnClickListener(new View.OnClickListener() {
b9.setOnClickListener(new View.OnClickListener() {
        e.setText(e.getText().toString() + "0");
b11.setOnClickListener(new View.OnClickListener() {
b12.setOnClickListener(new View.OnClickListener() {
    public void onClick(View view) {
```

```
b15.setOnClickListener(new View.OnClickListener() {
```

activity_main_java:

```
<android.support.constraint.ConstraintLayout</pre>
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
      <GridLayout
                 android:text="1" />
```

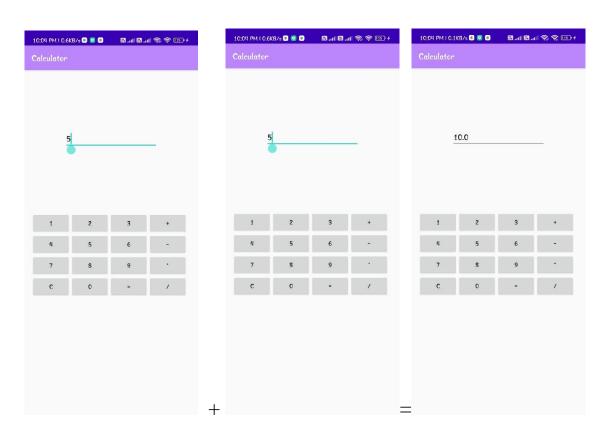
```
android:text="0" />
```

```
android:layout_height="wrap_content"
    android:text="/" />
    </GridLayout>

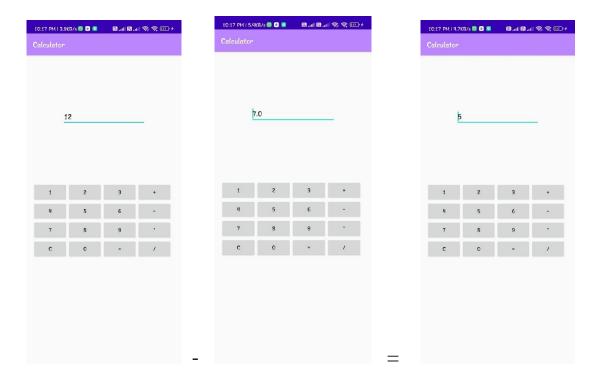
    <EditText
        android:id="@+id/editTextNumber"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="133dp"
        android:layout_marginBottom="145dp"
        android:ems="10"
        android:inputType="number"
        app:layout_constraintBottom_toTopOf="@+id/gridLayout"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</android.support.constraint.ConstraintLayout>
```

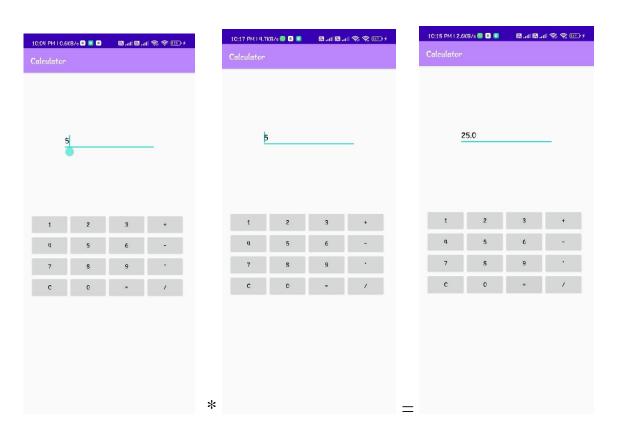
Output: ADDITION OPERATION:



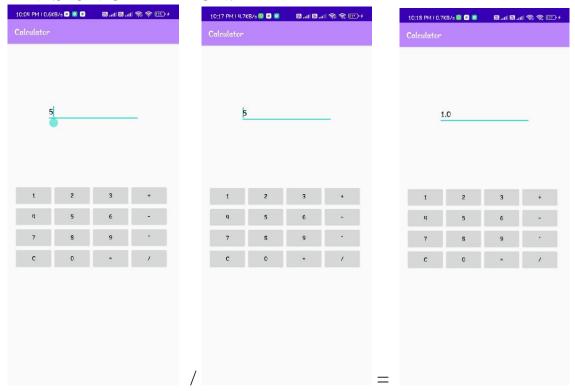
SUBTRACTION OPERATION:



MULTIPLICATION OPERATION:



DIVISION OPERATION:



CLEAR OPERATION:

