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Subject:- Android development

PRACTICAL - 01

Aim :- Java Android program to perform all operation calculator(Addition, Subtraction, Multiplication, Division).

Code :-

```java
package com.example.practical01;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
    EditText t1,t2;
    Button b1,b2,b3,b4;
    TextView t3;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
t1=(EditText)findViewById(R.id.t1);
t2=(EditText)findViewById(R.id.t2);
b1=(Button)findViewById(R.id.b1);
b2=(Button)findViewById(R.id.b2);
b3=(Button)findViewById(R.id.b3);
b4=(Button)findViewById(R.id.b4);          t3=(TextView)
findViewById(R.id.t3);
        b1.setOnClickListener(new view.OnClickListener()
                {
                    @Override
                    public void onClick(view v)
                {
```
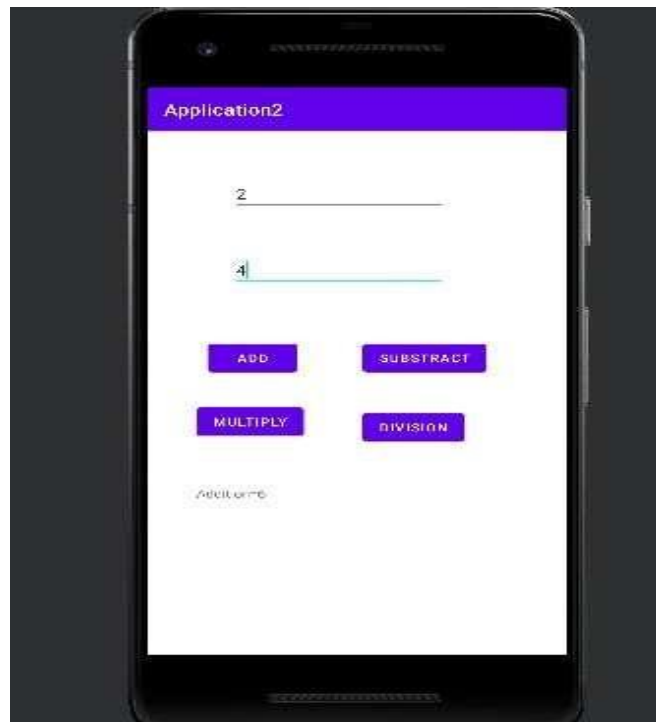
```java
            int i=Integer.parseInt(t1.getText().toString());
        int j=Integer.parseInt(t2.getText().toString());
                    int k=i+j;
                t3.setText("Addition = "+k);
            }
            });
    b2.setOnClickListener(new view.OnClickListener()
    {
        @Override
        public void onClick(view v)
        {
            int i=Integer.parseInt(t1.getText().toString());
int j=Integer.parseInt(t2.getText().toString());
int k=i-j;
            t3.setText("Subtraction = "+k);
        }
    });
    b3.setOnClickListener(new view.OnClickListener()
    {
        @Override
        public void onClick(view v)
        {
            int i=Integer.parseInt(t1.getText().toString());
int j=Integer.parseInt(t2.getText().toString());
int k=i*j;
            t3.setText("Multiplication = "+k);
        }
    });
    b4.setOnClickListener(new view.OnClickListener()
    {
        @Override
        public void onClick(view v)
        {
            int i=Integer.parseInt(t1.getText().toString());
int j=Integer.parseInt(t2.getText().toString());
int k=i/j;
            t3.setText("Division = "+k);
        }
    });
```

    }
}

Output :-