NAME: AKSHATA

ROLL NO:20211CSE0208

SECTION:5CSE-4

CALCULATOR APPLICATION

1.XML FILE

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
   <TextView
       android:textColorHighlight="@color/black"
       app:layout constraintTop toTopOf="parent"
       app:layout constraintVertical bias="0.268" />
   <EditText
```

```
<TextView
```

2.JAVA FILE

```
protected void onCreate(Bundle savedInstanceState) {
    setContentView(R.layout.activity main);
   aval = findViewById(R.id.abox);
```

```
sub.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        a = Double.parseDouble(aval.getText().toString());
        b = Double.parseDouble(bval.getText().toString());
        res.setText("Result: "+(a-b));
    }
});
mul.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        a = Double.parseDouble(aval.getText().toString());
        b = Double.parseDouble(bval.getText().toString());
        res.setText("Result: "+(a*b));
});
div.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        a = Double.parseDouble(aval.getText().toString());
        b = Double.parseDouble(bval.getText().toString());
        if (b!=0)
            res.setText("Result: "+(a/b));
    else
        res.setText("Division not possible");
}
});
clear.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        aval.setText(" ");
        bval.setText(" ");
    }
});
}
```

3.OUTPUT

