COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO.: - 1921084

ROLL NO. :- 28

SUBJECT: - MOBILE APPLICATION DEVELOPMENT

PROBLEM: Create a simple application to implement simple calculator in android.

SOURCE CODE:

activity main.xml -

```
xmlns:android="http://schemas.android.com/apk/res/android"
    <TextView
       app:layout constraintTop toTopOf="parent" />
    <EditText
        android:inputType="number"
        app:layout constraintTop toTopOf="parent" />
```

COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO.: - 1921084

ROLL NO.: - 28

```
android:hint="Number2(0)
   android:inputType="number"
<TextView
   app:layout constraintBottom toBottomOf="parent"
   app:layout constraintEnd toEndOf="parent"
```

COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO.: - 1921084

ROLL NO. :- 28

```
android:backgroundTint="@android:color/holo purple"
android:backgroundTint="@android:color/holo purple"
```

COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO.: - 1921084

ROLL NO. :- 28

```
android:layout_marginBottom="263dp"
android:backgroundTint="@android:color/holo_purple"
android:onClick="doPow"
android:text="n1^n2"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"/>
</androidx.constraintlayout.widget.ConstraintLayout>
```

COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO.: - 1921084

ROLL NO. :- 28

```
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
public boolean getNumbers() {
    String s1 = et1.getText().toString();
    String s2 = et2.getText().toString();
        String result = "Please enter a value";
        txtv1.setText(result);
```

COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO.: - 1921084

ROLL NO. :- 28

```
txtv1.setText(Integer.toString(sum));
public void doPow(View v) {
       txtv1.setText(Double.toString(sum));
public void doSub(View v) {
       txtv1.setText(Integer.toString(sum));
public void doMul(View v) {
       txtv1.setText(Integer.toString(sum));
       txtv1.setText(Double.toString(sum));
public void doMod(View v) {
```

COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO. :- 1921084

ROLL NO. :- 28

```
// get the input numbers
if (getNumbers()) {
    double sum = num1 % num2;
    txtv1.setText(Double.toString(sum));
}
}
```

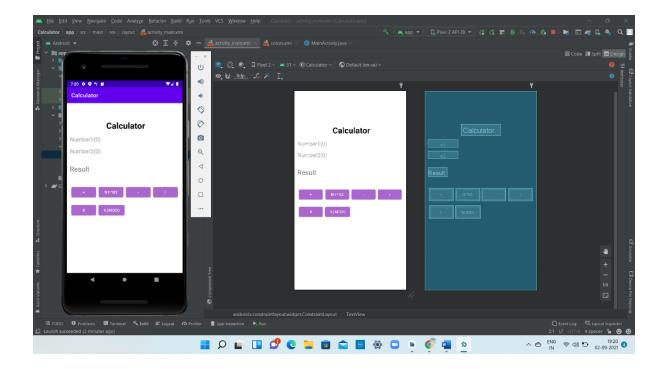
COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO. :- 1921084

ROLL NO. :- 28

SUBJECT: - MOBILE APPLICATION DEVELOPMENT

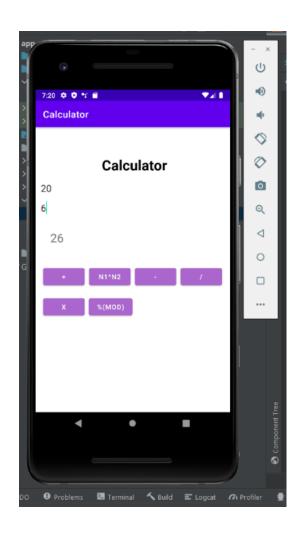
Design -

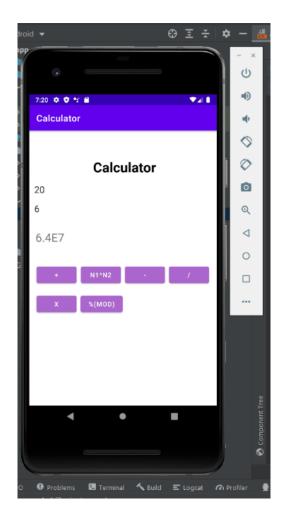


COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO. :- 1921084

ROLL NO. :- 28





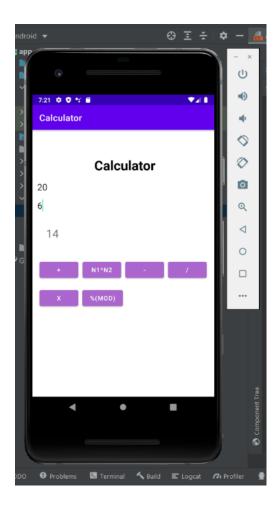
COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO. :- 1921084

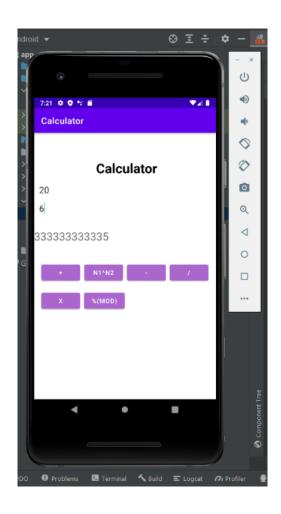
ROLL NO. :- 28

SUBJECT: - MOBILE APPLICATION DEVELOPMENT

On clicking at "-" -



On clicking at "/" -



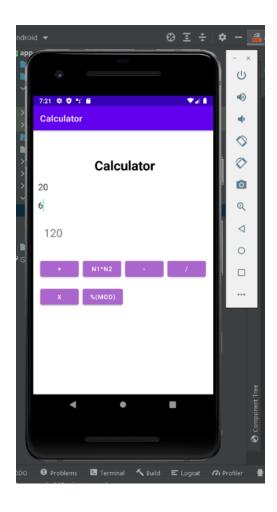
COURSE :- BCA (INDUSTRY INTEGRATED)
SEMESTER :- 5 SECTION :- A

UNIVERSITY ROLL NO.: - 1921084

ROLL NO. :- 28

SUBJECT: - MOBILE APPLICATION DEVELOPMENT

On clicking at "X" -



On clicking at "%(MOD)" -

