Name-Shilpi Bisht Cause-BcA Semester-5-A Role No-54 University Roll No-1921163 Subject-Android Dwelopment lab

Quest. Create a simple application to implement a simple calculator in andraid.

activity-main.xml

<? xml wision = "1.0" encoding = "utf-8"?>

< linearlayoutxmlns: andraid = "http://schemas.

andraid com / apk / sus / andraid"

xmlns: app = "http://schemas. andraid.com/apk/sus-

andraid: layard_width = "match_parent"

andraid: layaut_height = "match_parent"

android: paddling = "16 dp"

android: orientation = "vwtical"

toals: cantext = "MainActivity">

< Edit Text

andraid: id = "@+id/et1"

andraid: layout_width = "match-parent"

andraid: Jayant-height = "wrap-parent"

andraid: input Type = "number"

andraid: min Height = "48 dp"

tools: ignore = "Speakable Text Present Chick"/>

Name-Shilpi Bisht Cawisi - BCA Simuster- 5-A Rall No-54 University Roll No-1921163 Subject - Mabile Application Development lab < EditText andraid: id = @+id/et2" andraid: layout-width = "match-parent" andraid: layout-height = "wrap-parent" andraid: layout - below = "@+id/et!" android: layout-align Parentstart = "true" android: inputType = " number" andraid: inputtleight = "48 dp" tools: ignore = "Speakable Text Present Chick" /> < Textilien andraid: id = "@id/tv1" andraid: layout-width = " wrap- cantent" andraid: layout- hight = "wrap-content" android: layout - below = "@+id/et2' android: layout-anterHarizantal = "tru" andraid: layout - margin Top = " 16 dp" android: text = "0" andraid: text Color- "@ android: color/black" android: textsize = "50 sp" /> < Button andreid: Id = "@+id/bl" android: layout - width = "wrap-content" andreid: layout - height = "wrap_content" android: layout-centerHorizontal = "torre"

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Caussi- BCA

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Rall No-54

University Rall No-1921163

Subject- Mabile Application Development lab

andraid: layaut-unterlutical = "tru"

andraid: tixt = " add" />

< Button

android: id = "@+id/b2"

android: dayout - width = "wrap-contint"

android: layout - huight = "wrap-content"

android: layout_ unterHorizontal = "toru"

android: layout - center Virtical = "tour"

andraid: text = " sub" />

< Button

android: id = "@+id/b3"

andreid: layout_ width = "wrap_cantent"

andreid: layout-hight = "wrap-content"

android: layout_centerluctical = "true" android: text = "sub" />

< Button

android: id = "@+id/b4"

android: layout-width = "wrap-cantent"

android: layout hight = "wrap-content"

android: layout-centerHorizantal = "tou"

android: layout - centerlutical = "tou"

andreid: text = "div" />


```
Name-Shilpi Bisht
Cowisi - BCA-5-A
 Rall No- 54
 University Roll No-1921163
Subject - Mobile Application Development lab
  MainActivity java
package com. example add;
import android as Bundle:
import android. support. v.7. app. App Campact Activity;
import android nidget. Button;
impart android. nidget. EditText:
impart android · midget · Textriew;
 public class MainAdivity extends AppampatAdivity &
 EditTextedt1, edt2;
  TextView txtv1;
  Button btn1, btn2, btn3, btn4;
  @ Ourvide
   protected vaid on Oreate (Bundle savid Instance State) {
  Super on Greate (saved Instance State);
   set Content View (R. layout. activity-main);
   edt1 = findViewById (R.id.et1);
   ect 2 = find lieu By Id (R. id. et 2);
   toutu = find liew By Id (R. id. tv);
```

btn1 = findViewById (R.id.bl);

btn2 = find liew By Id (R·id· b2);

btn 3 = find View By Id (R. id. b3);

botn 4 = find view By Id (R. id. 64);

```
Name - Shilpi Bisht
Cawal- BCA-5-A
Roll No- 54
University Rale No-1921163
Subject - Mobile Application Development Lab
btnl. setanclicklistener (v -> {
if (edit1. getText (). toString(). length () = = 0) {
edit.sutText ("0");
if (edit2.get Text (). toString (). length () == 0) {
 edt2. set Text ("0");
 intrum = Integer. parseInt (edtl.getText().toString());
  intrum 2 = Intigur. parsiInt (edt 2. get Text (). to String!
 intsum = num 1+ num 2;
 txtv1. set Text ( String. value of ( sum));
     3);
  btn2. set On Clicklistener (v -> 1
  if (edt1. getText(). toString(). Lungth()) == 0) {
   edtl. sitText ("0");
  if (edt2. getText(). tostring(). length()==0) {
    edt2. sutText ("0");
   intnum! = Integer. pousiInt (edtl. getText (). tostring ());
   intnum2 = Intiger parsient (edtz. getText(). tostring());
    int sub = numl - num2;
    txtv1. sitText (string. value (sub));
          3);
```

```
Naone-Shilpi Bisht
Cause- BCA-5-A
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Unixusity Rall No- 1921163
 Subject- Mobile Application Development lab
lating. setanclicklistener (V -> {
 if (editl. getText(). tostring (). length() = = 0) {
 edtl·sitText("0");
 uf (edtz. getText(). to String (). length () = = 0) {
 edt2. sutText (" 0");
 intnum 1 = Intiger. parseInt (edtl. get Text (). toString ());
 intnume = Intiger. parse Int (edt 2. get text () - tastring ());
 intmul = num 1 * num 2;
 extv1. set Text ( string. value of (mul));
      ز ( ق
 btn4. setanclicklistener (V > 5
 if (edtl. getText(). toString(). length() == 0) {
  edt 1. sittext ("0");
 if (ectt2. getText (). toString (). lingth () = = 0) {
  edtz. sitText ("O");
  intnum! = Integer. parseInt (edtl. getText (). tastring ());
  int num2= Intigur. parsieInt (edt 2. get Text (). tostring ());
  intdiv = num 1 / num 2;
  txtv1. sitText (String. value (div));
       g);
 3
```