Name – Rishabh Kukreti

BcA 5'c

Univ roll no –1921132

Date –1/10/21

Subject – mobile Application practical (BBC – 502)

① Demonstate of Implicit / Explicit Intent.

```
< ? xml version = "1.0" encoding = "utf -8"?>
< linear layout
Xmlns: android = "http: // schemas. android- com
/ apk / res / android"

Xmlns : app = " http: // schemas. android. com /
apk / res -auto"

Xmlns: tool = " http: // schemas. android. com / tools'
  android: layout-width = " match-parent"
  android: orientation = " vertical".
  android : layout - height = "match - parent"
  tool : Context = " . Main Activity.
  < Edit TEXT
  android: id = "@ + id / text"
  android: layout-width = "match _ parent"
  android; layout-height= " wrap- content"
  android : layout - margin top = " 100dp"
  android: hint = " enter url"
  android: gravity = " center "
  />
```

```
< Button
    android: id = "@ + id / btn²"
    android: layout_width = "match_parent"
    android: layout_height = "wrap content"
    android: layout_margin top = "100db"
    android: text "go to activity two" />
```

< Linear layout >
Activity 2 code

```
<? xml version = "1.0" encoding = "utf-8" ? >
< linear layout
xmlns: android = "http: // schemas .android . com/apk
/res-auto".

xmlns: tool = "http: // schemas . android. com / tools"
    android: layout_width = "match_parent"
    android: layout_height = "match_parent"
    android: orientation = "vertical".
    tool:context = ".Mainactivity2" >

    < Text view
        android: layout_width = "match_parent"
        android: layout_height = "wrap_content"
        android: layout_margin top = "200dp's
        android: gravity = "Centre"
        android: text = "This is activity two" />

< /linear layout
    Java code
    Package com. example. implicit_Explicit.
```

```
import
android x . app Combat . app . AppCombat Activity ;
import android . Content . Intent ;
import android . net . Uri
import android . os . Bundl ;
import android . view . view ;
import android . widget . Button .
import android . widget . Edit text .


public class main Activity extends
App Compat Activity {
    Edit Text test ;
    Button btn1 ;
    Button btn2 ;



    btn1 . setonClicklistner ( new
    view . on click listner () {
        @ overide
        public void on click ( view view )
    {  String url = test . get Test () . to string ()
        uri uri = uri . parce ( url );
        intent intent = new
    Intent ( Intent . Action – view , uri );
            start Activity ( intent );
        }
    });
```

```
btn2 . Set on click listner ( new
view. on click listner ()
{ @ override
public void on click (view view)
{ intent intent = new
Intent (main Activity, this, com. excomple. implicit - explicit
. main Activity 2. Class);
      start Activity (intent);
         }
      3);
      33
```

Name – Rishabh Kukreti
   BCA 5c

univ rollno – 1921132
Date – 1/10/21
subject – Mobile Application practical. (PBC-502)

②     Activity life cycle using logcat

Main. xml file

linear layout Xmlns: android = "HTTp://schemas.
android. com/apk/res/android"
   android : layout_width = "match_parent".
   android: layout_height = "match_parent"
   android: gravity = "Centre">

   < Text view

     android: text = "@ string /hello_world"
     android : layout_width = "wrap_content"
     android : layout_height = "wrap_content"/>

   < /linear layout >


Main Java file

   package com. lifecycle. my ;
   import android. util. log :
   import android. app * ;
   import android. OS* ;

```
Public class mainactivity extend Activity.
{
   @override
   protected void on create ( Bundle saveInstance state)
   { super . On Create ( save instancestate);
      setContent view ( R. layout. main);
          log. i (" lifecycle ", "In method oncreate");
      }
        @override
          protected void on start()
          {
          // TODO implement this method
            super. onstart ();
            Log . i (" lifecycle "J. "In method on start");
          }
      @override
        protected void on Resume ()
        {
           // TODO: Implement this method
              super. on Resume ();
          Log. i "lifecycle", " In method on Resume ");
          }
       @override
        protected void on pause().
        {
           // TODO : implement this method
             super . on pause ();
          }
```

ⓐ override
protect void on stop()
{  // ToDo : implement this method
    super. on stop ();
    Log.i (" lifecycle ", " In method on stop");
}

ⓐ override
protected void onDestroy()
{
    // ToDo: Implement this method
    super. on Destroy ();
    Log.i ("" lifecycle"," In method onDestroy");
} }


output of question ②

⬇

MAIN.XML | MAINACTIVITY.JAVA

.XML /storage/emulated/0/AppProjects/image/androidlifecycle/app/src/main/res/lay

```xml
1   <LinearLayout xmlns:android="http://schemas.android
2       android:layout_width="match_parent"
3       android:layout_height="match_parent"
4       android:gravity="center">
5
6       <TextView
7           android:text="@string/hello_world"
8           android:layout_width="wrap_content"
9           android:layout_height="wrap_content" />
10
11  </LinearLayout>
```

```
06.529 12830 12830 D  ViewRootImpl[MainActivity]        windowFocusChanged hasFocus=false inTouchMode=true
07.076 12830 12830 D  DecorView                         onWindowFocusChangedFromViewRoot hasFocus: true, Dec
07.086 12830 12830 D  ViewRootImpl[MainActivity]        windowFocusChanged hasFocus=true inTouchMode=true
07.736 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
08.112 12830 12830 D  ViewRootImpl[MainActivity]        windowFocusChanged hasFocus=false inTouchMode=true
09.737 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
10.323 12830 12830 I  lifecycle                         In method onPause
11.737 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
13.486 12830 12830 I  lifecycle                         In method onResume
13.738 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
15.304 12830 12830 I  lifecycle                         In method onPause
15.738 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
16.771 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
16.776 12830 3950 D   Choreographer                     initialValue myPid:12830 myTid:3950 choreographer:an
16.947 12830 3950 D   Choreographer                     releaseInstance old:android.view.Choreographer@383d7
16.968 12830 12830 I  lifecycle                         In method onStop
16.969 12830 12830 I  lifecycle                         In method onDestroy
17.017 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
17.025 12830 12830 I  chatty                            uid=10492(com.lifecycle.my) identical 23 lines
17.025 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
17.025 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
17.025 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
17.026 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
17.026 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
17.026 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
17.026 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
17.028 12830 12830 I  chatty                            uid=10492(com.lifecycle.my) identical 9 lines
17.029 12830 12830 E   om.lifecycle.m                   Invalid ID 0x00000000.
17.050 12830 12830 I  lifecycle                         In method onCreate
17.061 12830 12830 I  lifecycle                         In method onStart
17.080 12830 12830 I  lifecycle                         In method onResume
17.082 12830 12830 I  lifecycle                         In method onPause
17.100 12830 12830 I  lifecycle                         In method onStop
17.739 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
18.970 12830 12830 I  lifecycle                         In method onStart
18.972 12830 12830 I  lifecycle                         In method onResume
19.016 12830 12830 D  ActivityThread                    pid:12830 tid:12830 doframe Callback
19.060 12830 12830 D  DecorView                         onWindowFocusChangedFromViewRoot hasFocus: true, Dec
19.061 12830 12830 D  ViewRootImpl[MainActivity]        windowFocusChanged hasFocus=true inTouchMode=true
19.749 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
20.704 12830 12830 D  ViewRootImpl[MainActivity]        windowFocusChanged hasFocus=false inTouchMode=true
21.470 12830 12830 I  lifecycle                         In method onPause
21.493 12830 12830 I  lifecycle                         In method onStop
21.750 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
23.783 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
25.785 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
27.824 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
29.831 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
31.855 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
33.870 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
35.913 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
37.955 12830 3480 E   om.lifecycle.m                    failed to connect to jdwp control socket: Connection
```

# androidlifecycle

Hello world!