```
COURSE -BEA 5'C'
             POLLNO - 1921012
             SUBJECT - Android Development (TBC-502)
Main Activity. java
package com. example Activity
                               小 相关中心 拉姆克
 public Class Main Activity oxtends Applompact Activity ?
 public static final String Status = Main Activity. class.
   get simple Name ();
                         (1000129410 . 158
   (a) Oversi de.
 protect void on (reate (Bundle saved Instance State)?
    super . on Create (somed InstanceState);
     set Ontent View (R. Lay out. activity-main);
      log.i(Stertus, msg: "In method on Greate");
  (a) overricle.
   prolected void on Start () {
     super-onstart ();
      Logi ('status, msg: "In method onstart");
   (a) Override
     protect void on Pause () 3
      super.onPausel);
      (09. i (status. msg: "In method on Pause");
```

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(e) ouri'de prolected void on Stop () { Super. on Stop(); log·l(status, msg: "In method on stop"); probably and the second of mother with the @ override -protected void on Destroy () { get Surfill Dim Super. on Destooy (); logi (status, msg: "In method on Destroy"); sol jour de InstanceState ) flow tent view ( 1- lay nut. a History to make ( Stains and I had I have my there as created ?) LOID GAD A f ( ) that to traine contract it is market

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**Sub:** MOBILE APPLICATION DEVELOPMENT TBC-502

#### <u>Assignment</u>

# Q. Create a program to depict activity life cycle

```
activity main.xml
```

```
<?xml version="1.0" encoding="utf-8"?>
```

<android.support.constraint.ConstraintLayout xmlns:android="http://schemas</pre>

```
.android.com/apk/res/android"
```

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

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

### <TextView

```
android:layout_width="wrap_content"
```

android:layout height="wrap content"

android:text="Hello World!"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintLeft\_toLeftOf="parent"

app:layout\_constraintRight\_toRightOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

#### </android.support.constraint.ConstraintLayout>

## **MainActivity.java**

```
package com.example.act;
import ...
public class MainActivity extends AppCompatActivity {
public static final String status=MainActivity.class.getSimpleName();
@Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
Log.i(status, msg: "In method onCreate");
}
@Override
protected void onstart() {
super.onstart();
Log.i(status, msg: "In method onstart");
}
@Override
protected void onResume() {
super.onResume();
Log.i(status, msg:"In method onResume");
}
@Override
protected void onPause() {
super.onPause();
Log.i(status, msg: "In method onPause");
}
@Override
```

```
protected void onStop() {
super.onStop();
Log.i(status, msg: "In method onStop");
}
@Override
protected void onDestroy() {
super.onDestroy();
Log.i(status, msg: "In method onDestroy");
}
```

## **OUTPUT:**



2021-09-07 12:36:34.591 4400-4400/com.example.activity I/MainActivity: In method onCreate 2021-09-07 12:36:34.612 4400-4400/com.example.activity I/MainActivity: In method onstart 2021-09-07 12:36:34.615 4400-4400/com.example.activity I/MainActivity: In method onResume