Name :) Himanshu Tomer

Course :) BSC IT - 5th sem

University Roll No. :) 1922026

Mid Term Practical
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Ques 2 Develop an android application to demonstrate activity life cycle using log cat.

Ans 2

activity - main. xml

```
xmlns:app = "http://schemas.androidcom/apk/resauto"
xmlns.tools = "http://schemeas.androidcom/tools"
android layout_width = "match_parent"
android layout_height = "match_parent"
tools: Context = "example.javatpoint.com.activity lifecycle.
                                            MainActivity">


android: layout_width = "wrap_content"
android layout_height = "wrap_content"
android text = "Hello World!"
app: layout_Constraint Bottom_to bottom of = "parent"
app: layout_Constraint Left_to left of = "parent"
app: layout_Constraint Right_to Right of = "parent"
app: layout_Constraint Top_to Top of = "parent"/>
```

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Main Activity java:-

```java
package example.hinanshu.com.activity lifecycle;

import android.os.Bundle;
import android.util.Log;

public class Main Activity extends Activity
{
    @Override
    protected void on Create ( Bundle savedInstance state)
    {
        Sup.on Create (savedInstance state);

        setContent View (R.Lojout.activity_main);
        Log.d ("lifecycle", "on Create invoked");
    }

    @override
    protected void on start () {
        super.on start ()
        Log.d ("Lifecycle", "on start invoked");
    }

    @override
    protected void on Resume () {
        super.on Resume ();
        Log.d ("Lifecycle", "on Resume invoked");
    }
}
```

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```java
@Override
protected void onPause()
{
    super.onPause();
    Log.d("Lifecycle", "on pause invoked");
}

@override
protected void onStop() {
    super.onStop()
    Log.d("Life Cycle", "on stop invoked");
}

@Override
protected void onRestart() {
    super.onRestart();
    Log.d("Life Cycle", "onRestart invoked");
}
    @override
    protected void onReDestroy() {
        super.onDestroy();
        Log.d("Life Cycle", "on Destroy invoked");
    }
}
}
```

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