Experiment No. 9

Aim: Create a background application that will open activity on specific time.

Program:

- **Activity.xml :-**

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.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"
    android:background="@color/green"
    tools:context=".MainActivity">

    <ImageView
        android:id="@+id/img"
        android:layout_width="150dp"
        android:layout_height="150dp"
        android:layout_centerInParent="true"
        android:layout_marginStart="25dp"
        android:layout_marginTop="25dp"
        android:layout_marginEnd="25dp"
        android:layout_marginBottom="25dp"
        android:src="@drawable/supra" />

    <ProgressBar
        android:id="@+id/pb"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/img"
        android:layout_centerInParent="true"
        android:layout_marginTop="25dp"
        android:indeterminateTint="@color/white" />

</RelativeLayout>
```

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- **activity_main2.xml :-**

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.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"
    android:background="@color/green"
    tools:context=".MainActivity2">

    <TextView
        android:id="@+id/tv"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerInParent="true"
        android:layout_marginStart="20dp"
        android:layout_marginTop="20dp"
        android:layout_marginEnd="20dp"
        android:layout_marginBottom="20dp"
        android:gravity="center"
        android:padding="10dp"
        android:text="It's Supra.... Ratatatatata"
        android:textAlignment="center"
        android:textSize="48sp"
        android:fontFamily="cursive"
        android:textStyle="bold"
        />

</RelativeLayout>
```

- **MainActivity.java :-**

```java
package com.example.flashscreen;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;
import android.widget.ImageView;
import android.widget.ProgressBar;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                Intent i = new Intent(MainActivity.this,
MainActivity2.class);
                startActivity(i);
                finish();
            }
        }, 2000);
    }
}
```

- **MainActivity2.java:-**

```
package com.example.flashscreen;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity2 extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
    }
}
```
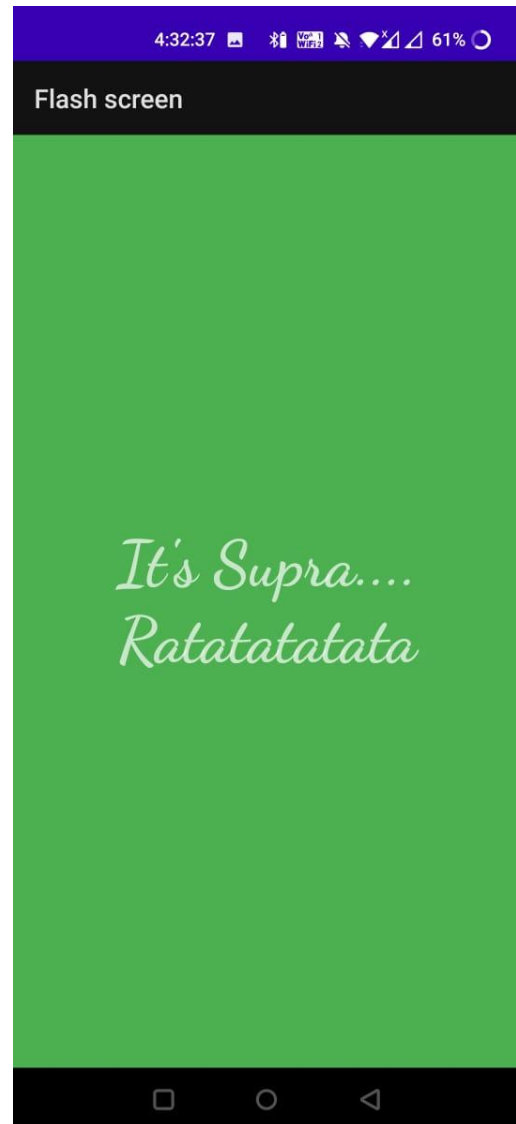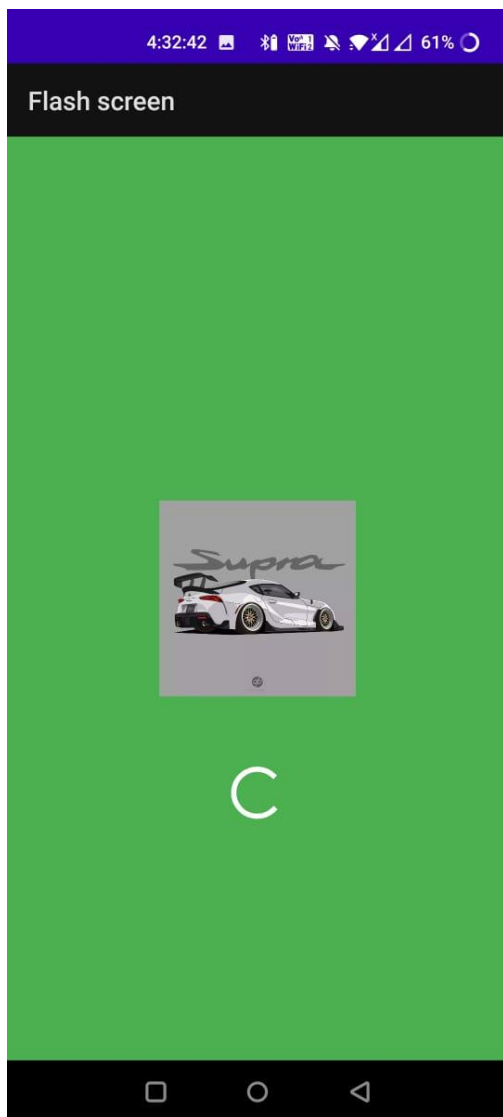
Output:

Conclusion:

Hence, by completing this experiment I came to know that how to Create a background application that will open activity on specific time.

Writeup & Oral (4)	Practical Performance (4)	Attendance (2)	Total (10)