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Course:- BCA SC

University roll no:- 1921153

Subject:- Mobile Application development

Subject code:- PBC 501.

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Date:- 1/10/21

Exam:- Practical.

Q.1

Implicit Intent

```xml
<?xml version = "1.0" encoding=" utf-8"?>
<android.support.constraint.ConstraintLayout xmlns:
    android = " https://schemas.android.com/apk/
res/android"

    xmlns:app= "https://shemas.android.com/apk/
    res-auto"
    xmlns:tools = "http://schemas.android.com/tools"

    android:layout-width = "match_parent"
    android:layout-height = "match_parent"
    tools:context = "example.google.com.implicitinten.
            MainActivity">

<EditText
    android:id = "@+id/editText"
    android:layout-width= "wrap_content"
    android:layout_width height = "wrap-content"
    android:layout-marginend = "8dp"
    android:layout-marginstart = "8dp"
    android:layout-marginTop = "60dp"
    android:ems = "10"
    app:layout-constraintEnd-toEndof = "parent"
    app:layout-constraintHorizontal-bias = "0.575"
    app:layout-constraintstart-tostartof = "parent"
    app:layout-constrainttop-totopof = "parent"/>
```

```xml
<Button
android : id = " @+id/Button "
android: layout_width = " wrap-content "
android : layout_width =        "    "
android: layout_marginRight = " 8dp "
android : layout_marginleft= " 156dp "
android:text = " Visit"
app: layout_constraintEnd_toEndof = " parent "
app: layout_constraintHorizontal_bias = "0.0 "
app: layout_constraintTop_toBottomof =@+id/edit
                                        Text" />

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

Main activity.java

```java
package example.google.com.implicitintent;
import android.content.Intent;
import android.net.Uri;
import android.support.v7.app.appCompatActivity;
import android.os.bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
public class MainActivity extends AppCompatActivity {
   Button button;
   EditText edit Text;
```

```java
@override
protected void onCreate (Bundle savedInstanceState)
{ super. onCreate (savedInstanceState);
  setContentView (R. layout. activity. main);
  button = findViewById (R. id. button);
  editText = findViewById (R. id. editText);
  button. setOnClickListener ( new View. onClickListener()){
    @override
    public void onClick (view view) {
      String url = editText. getText(). tostring ();
      Intent intent = new Intent ( Intent. ACTION_
      View, Uri. parse (url) );
      StartActivity (intent);
    } });
  } }.
```

Explicit Intent.

Activity - main. xml

```xml
<?xml version= "1.0" encoding= "utf-8"?>
<android. support. constraint. Constraint layout xmlns:
android = " https: // schemas. android.com /apk/res/
android"
xmlns: app = " http: // schemas. android. com/apk/res-
auto"
xmlns: tools = "https: // schemas: android. com/tools"
android: layout- width = " match- parent"
android: layout- height = " match -parent"
tools: content = " example.j.com. explicitintent
google
.FirstActivity">

<TextView
android: layout - width = " wrap - content"
android: layout - height =            "
android: layout - marginend = "8dp"
android: layout - marginstart = " 8dp"
android: text = " first Activity" />

<Button
android: id = "@+ id / button"
android: layout- width =  "wrap - content
android: layout - height= " wrap- content "
android: layout- marginend = "8dp"
android: layout- margistart = " 8p"
```

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```
android : layout - margin Top = "392 dp"
android : on Click = "callSecondActivity"
  android : text = "Call Second Activity"
app : layout - constraintEnd - toEndof = "parent"
app : layout - constraintstart - tostartof = "parent"
app : layout - constraint Top-toTopof = "parent"/>
</ android : support . constraint . Constraintlayout >.
```

Sakshi

ActivityOne Class

```java
package example.google.com.explicitintent;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;

public class FirstActivity extends AppCompatActivity {

    @Override
    protected void onCreate( Bundle savedInstanceState)
    {   super.onCreate(savedInstanceState);
        setContentView ( R.layout.activity_First);
    }
    public void callSecondActivity (View view){
        Intent i = new Intent (getApplicationContext(),
        SecondActivity.class);
        i.putExtra (" Value1", " Android by Google");
        i.putExtra (" Value2", " Simple Tutorial");
        startActivity (i);
    }}
```

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Activity Two class Java.

```java
package example. google. com. explicitIntent;

import android. content. Intent;
import android. support. v7. app. AppCompatActivity;
import android. os. Bundle;
import android. view. View;
import android. widget. Toast;

public class SecondActivity extends AppCompatActivity {

@override
protected void onCreate (Bundle savedInstanceState)
{ super. onCreate (SavedInstanceState);
set ContentView (R. layout. activity - second);
Bundle extras = getIntent(). getExtras();
String value1 = extras. getString ("Value1");
String value2 = extras. getString ("Value2");
Toast. makeText (getApplicationContext(), " Values
are:\n First value : " +value1 + "\n Second
Value " + value2, Toast. length _Long ), show();
}
public void callFirstActivity (View view) {
intent i= new Intent (getApplicationContext(),
FirstActivity. class);
StartActivity (i);
} }
```