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Subject – Mobile App Development

Ques 1) Describe an android application - to demonstrate implicit as well as explicit.

Implicit and Explicit.

```
import android.content.intent;
import android.net.Uri;
import android.support.v.7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity
{
@Override
protected void onCreate (Bundle savedInstanceState) {
super.onCreate (savedInstanceState);
setContentView (R.layout.activity_main);

// implicit Intent example
Button btn_limplicit = (Button) findviewById
                            (R.id.button_im);
btn_implicit.setOnClickListener (new View.OnClick
                            Listener ()
```

```java
@Override
public void onClick (view view)
{
    String url = "https://tutorial.eyehunts.com";
    // action
        Intent i = new
Intent (Intent. ACTION_ VIEW);
        // data
        i.set Data (Uri. parse (url));
        Start Activity (i);
    }
});

    // Explicit intent example
    Button btn_ Explicit = (Button) find View By Id
        (R.id. button - ex);
btn_ Explicit. setOn Click Listener (new View. On
                                Click Listener ()

    {
        @Override
        public void onClick (View View)
    {
        intent intent = new Intent (Main Activity.
                    this, Second Activity. class);
                    Start Activity (Intent);
            }
        });
    }
}
```
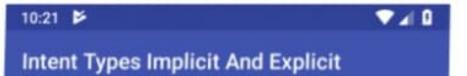
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Xml

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

<android. support. Constraint. Constraint strainLayout
                    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"
tools : context = ". MainActivity ">

< Text View
    android : id = "@+id/text View"
    android : layout_ width = "wrap_content"
    android : layout _ height = "wrap_content"
    android : layout _ margin Left = "8 dp"
    android : layout_ margin Right = "8 dp"
    android : layout _ margin Top = "8 dp"
    android : text = " Types of Intent - implicit
    and Explicit Intent in Android"
```

Basel

```xml
        app: layout_constraintRight_toRightOf="parent"
        app: layout_constraintTop_toTopOf="parent"/>

<Button android
        android:id="@+id/button_im"
        android:layout_width="wrap-content"
        android:layout_height="wrap-content"
        android:layout_height="wrap-content"
        android:layout_marginEnd="8dp"
        android:layout_marginLeft="8dp"
        android:layout_marginRig start="8dp"
        android:layout_marginTop="20dp" android:text=
        "implicit Intent Button"
        app: layout_constraintEnd_toEndOf="parent"
        app: layout_constraintStart_toStartOf="parent"
        app: layout_constraintTop_toBottomOf="@+id/text
                                               View"/>

<Button
        android:id="@+id/button_ex"
        android:layout_width="wrap-content"
        android:layout_height="wrap-content"
        android:layout_marginEnd="8dp"
        android:layout_marginLeft="8dp"
        android:layout_marginRight="8dp"
        android:layout_marginStart="8dp"
```

```
android: layout_margin Top="40dp" android:text=
          "Explicit Intent Button"

app: layout_constraint End_to End of = "parent"
app: layout_constraint Start_to Start Of = "parent"
app: layout_constraint Top_to Bottom Of = "@+id/
                      button_im"/>

</android. support. constraint. Constraint layout >.
```

Intent Types Implicit And Explicit

Types of Intent - Implicit and Explicit Intent in Android

IMPLICIT INTENT BUTTON

EXPLICIT INTENT BUTTON

Explicit Example

Intent Types Implicit And Explicit

IMPLICIT INTENT BUTTON

EXPLICIT INTENT BUTTON