**HYBRID APPLICATION DEVELOPMENT LAB**

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**Program :Intent: Implicit and Explicit Intent**

//MainActivity

public class MainActivity extends AppCompatActivity {

EditText phoneNumber;

Button call;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

call = findViewById(R.id.call);

phoneNumber = findViewById(R.id.*myPhone*);

call.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Uri myUri = Uri.*parse*("tel:" + phoneNumber.getText().toString());

Intent it = new Intent(Intent.*ACTION\_DIAL*, myUri);

startActivity(it);

}

});

}

}

//BuildGradle

plugins **{**

id 'com.android.application'

**}**

android **{**

compileSdk 32

defaultConfig **{**

applicationId "com.example.implicitintentpratheek"

minSdk 21

targetSdk 32

versionCode 1

versionName "1.0"

testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"

**}**

buildTypes **{**

release **{**

minifyEnabled false

proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'

**}**

**}**

compileOptions **{**

sourceCompatibility JavaVersion.*VERSION\_1\_8*

targetCompatibility JavaVersion.*VERSION\_1\_8*

**}**

**}**

dependencies **{**

implementation 'androidx.appcompat:appcompat:1.4.0'

implementation 'com.google.android.material:material:1.6.0'

implementation 'androidx.constraintlayout:constraintlayout:2.1.4'

testImplementation 'junit:junit:4.+'

androidTestImplementation 'androidx.test.ext:junit:1.1.3'

androidTestImplementation 'androidx.test.espresso:espresso-core:3.4.0'

**}**

Output:

