Experiment 6: By Jayant Dhiran, FY MCA, AIIT

Aim:

Develop an android application to invoke built in application like browser,google map and call dialer.

Activity_main.xml:-

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:divider="@android:drawable/progress_horizontal"
    android:dividerPadding="@android:dimen/thumbnail_height"
    android:orientation="vertical"
    android:padding="20dp"
    app:barrierMargin="@android:dimen/dialog_min_width_minor">
    <Button
        android:id="@+id/btn_web_browser"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        android:text="Our Website" />
    <Button
        android:id="@+id/btn_make_calls"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        android:text="For Support" />
    <Button
        android:id="@+id/btn_show_map"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
```
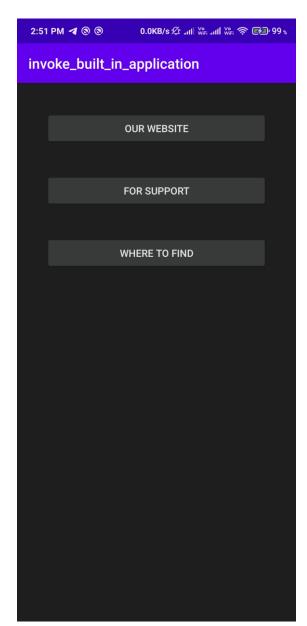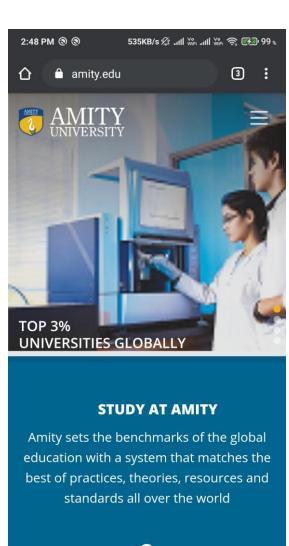
```
        android:layout_margin="20dp"

        android:text="Where to find" />

</LinearLayout>
```

Activity_main.class:-

```
package com.example.invoke_built_in_application;


import androidx.appcompat.app.AppCompatActivity;


import android.content.Intent;

import android.net.Uri;

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);

        Button b1 = (Button) findViewById(R.id.btn_web_browser);

        Button b2 = (Button) findViewById(R.id.btn_make_calls);

        Button b3 = (Button) findViewById(R.id.btn_show_map);

        b1.setOnClickListener(new View.OnClickListener() {

            @Override

            public void onClick(View v) {

                Intent obj = new Intent(android.content.Intent.ACTION_VIEW,

                        Uri.parse("http://amity.edu"));

                startActivity(obj);

            }

        });
```

```java
b2.setOnClickListener(new View.OnClickListener() {

  @Override

  public void onClick(View v) {

    Intent obj = new Intent(Intent.ACTION_DIAL,

        Uri.parse("tel:+91 9870067903"));

    startActivity(obj);

  }

});

b3.setOnClickListener(new View.OnClickListener() {

  @Override

  public void onClick(View v) {

    Intent obj = new Intent(android.content.Intent.ACTION_VIEW,

        Uri.parse("geo:27.2048,77.4975"));

    startActivity(obj);

  }

});

  }

}
```

Activity Manifest.xml:-

```xml
<uses-permission android:name="android.permission.CALL_PHONE" />

<uses-permission android:name="android.permission.INTERNET"/>
```

Output:-