

1. Write a program to create a text field and a button "Navigate". When you enter "www.google.com" and press navigate button it should open google page

Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">
    <EditText
        android:id="@+id/tt"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:ems="10"
    />
    <Button
        android:id="@+id/gotouri"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:text="SEARCH"
        android:onClick="go"
    />
</LinearLayout>
```

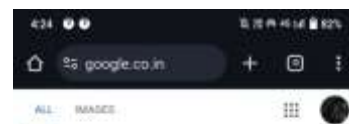
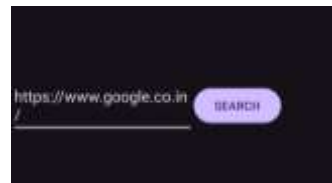
MainActivity.java

```
package com.example.pr18q1;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.net.Uri;
import
androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.*;
public class MainActivity extends
AppCompatActivity {
    EditText editText;
    @SuppressLint("MissingInflatedId")
```

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

    setContentView(R.layout.activity_main);
    editText = findViewById(R.id.tt);
    }
    public void go(View view)
    {
        String url =
        editText.getText().toString();
        Intent urlIntent= new
        Intent(Intent.ACTION_VIEW,Uri.parse(url))
    ;
        startActivity(urlIntent);
    }
}
```

OUTPUT:



2 Write a program to create button "Start Dialer". When u click on this button it should open the phone dialer.

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.c
om/apk/res/android"

xmlns:tools="http://schemas.android.com
/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    tools:context=".MainActivity">

    <Button

android:layout_width="wrap_content"

android:layout_height="wrap_content"
    android:text="Start Dialer"
    android:onClick="dail"/>

</LinearLayout>
```

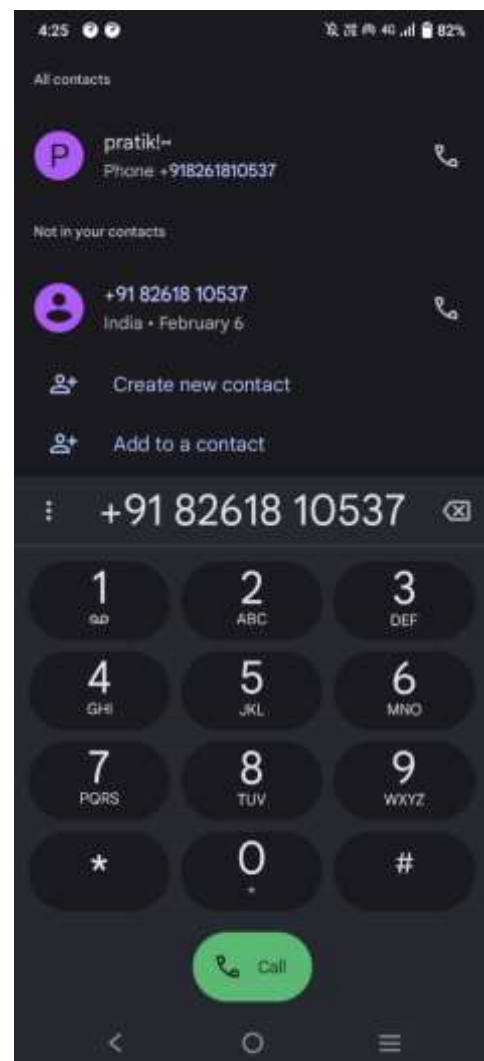
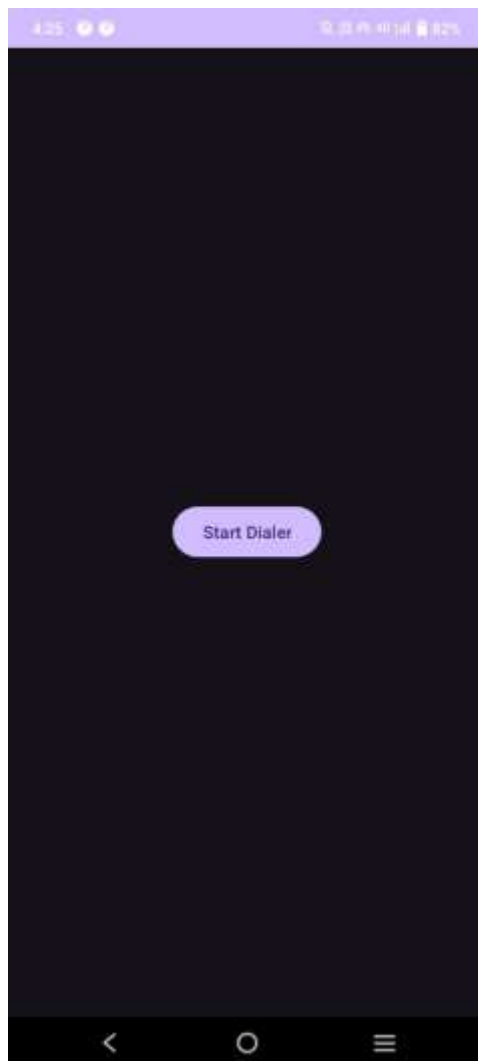
MainActivity.java

```
package com.example.pr18q2;
import
androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
public class MainActivity extends
AppCompatActivity {
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
    }
    public void dail(View view)
    {
        Intent di=new
Intent(Intent.ACTION_DIAL,
Uri.parse("tel:(+91)8261810537"));
        startActivity(di);
    }
} package com.example.pr18q2;
import
androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
public class MainActivity extends
AppCompatActivity {
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);
    }
    public void dail(View view)
    {
        Intent di=new
Intent(Intent.ACTION_DIAL,
Uri.parse("tel:(+91)8261810537"));
        startActivity(di);
    }
}
```

OUTPUT:



3. Write a program to create two screens. First screen will take one number input from user. After click on Factorial button, second screen will open and it should display factorial of the same number. Also specify which type of intent you will use in this case.

Activity_Main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:orientation="vertical"
```

```
tools:context=".MainActivity">
```

```
    <EditText
        android:id="@+id/et"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"
        android:ems="10"
        android:inputType="textPersonName"
        android:text="" />
```

```

<Button
    android:id="@+id/btn"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"
    android:text="Find Fact"
    android:onClick="fact"/>
</LinearLayout>

```

MainActivity.java

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.c
om/apk/res/android"
    android:layout_width="match_parent"
    android:gravity="center"

    android:layout_height="match_parent">

    <TextView
        android:id="@+id/tt"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"
        android:text="TextView" />
</LinearLayout>

package com.example.pr18q3;
import
androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.*;
public class MainActivity extends
AppCompatActivity {
    EditText n;
    Button b;
    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

```

```

n=findViewById(R.id.et);
b=findViewById(R.id.btn);
}
public void fact(View view){
    Intent i=new Intent(this,fact.class);
    int f=1;
    int
num=Integer.parseInt(n.getText().toString(
));
    for(int j=1;j<=num;j++)
    {
        f=f*j;
    }
    i.putExtra("factorial","Factorial of
"+num+" is "+Integer.toString(f));
    startActivity(i);
}
}

```

fact.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.c
om/apk/res/android"
    android:layout_width="match_parent"
    android:gravity="center"

    android:layout_height="match_parent">

    <TextView
        android:id="@+id/tt"

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"
        android:text="TextView" />
</LinearLayout>

```

fact.java

```

package com.example.pr18q3;
import
androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.widget.*;

```

```
public class fact extends
AppCompatActivity {
    TextView t;
    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);
```

```
setContentView(R.layout.activity_fact);
    t = findViewById(R.id.tt);
    Intent i=getIntent();
    String str=i.getStringExtra("factorial");
    t.setText(str); }
}
```

OUTPUT:

