Program 3: Factorial of a number

Xml file

```
<?xml version="1.0" encoding="utf-8"?>
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
               android:orientation="vertical">
               <TextView
                     android:inputType="numberDecimal" />
          </LinearLayout>
```

```
Java filepackage com.example.factorial 45;
   TextView answer;
       num1=Float.parseFloat(Number.getText().toString());
```

```
result=fact;
break;
default:
    break;
}

// form the output line
answer.setText("Factorial of"+ " " + num1 + " = " + result);
}
```

Output:

