

Practical No 05

X.1

- **Program:**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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">
```

```
    <LinearLayout
        android:layout_width="409dp"
        android:layout_height="729dp"
        android:orientation="vertical"
        tools:layout_editor_absoluteX="1dp"
        tools:layout_editor_absoluteY="1dp">
```

```
        <TextView
            android:id="@+id/textView3"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Place Name"
            android:textSize="24sp"/>
```

```
        <EditText
            android:id="@+id/editTextTextPersonName"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:textSize="24sp" />
```

```
        <TextView
            android:id="@+id/textView2"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Age"
            android:textSize="24sp"/>
```

```
        <EditText
            android:id="@+id/editTextNumber"
            android:layout_width="wrap_content"
```

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

<TextView
    android:id="@+id/textView"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Mobile No"
    android:textSize="24sp"/>

<EditText
    android:id="@+id/editTextNumbr2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ems="10"
    android:inputType="number"/>

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>
```

- **Output:**

The image shows a mobile application interface with a purple header bar. The status bar at the top displays the time 7:24, a settings icon, and signal/battery indicators. The form contains three input fields:

- Place Name:** The text "Adventure" is entered.
- Age:** The number "18" is entered.
- Mobile No:** The number "1234567890" is entered, with a green cursor at the end.

A numeric keypad is displayed at the bottom of the screen, featuring digits 1-9, 0, a comma, a period, a minus sign, an equals sign, a backspace icon, and a blue checkmark button.

X.2

- **Program:**

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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" >
```

```
<AbsoluteLayout
    android:layout_width="409dp"
    android:layout_height="729dp"
    android:orientation="vertical"
    tools:layout_absoluteX="33dp"
    tools:layout_absoluteY="1dp" >
```

```
<TextView
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_x="125dp"
    android:layout_y="215dp"
    android:text="Place Name"
    android:textSize="24dp"/>
```

```
<TextView
    android:id="@+id/textView2"
    android:layout_width="52dp"
```

```
android:layout_height="wrap_content"
android:layout_x="169dp"
android:layout_y="286dp"
android:text="age"
android:textSize="24sp" />
```

<TextView

```
android:id="@+id/textView3"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_x="132dp"
android:layout_y="380dp"
android:text="Mobile No"
android:textSize="24sp" />
```

<EditText

```
android:id="@+id/editTextTextPersonName2"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_x="85dp"
android:layout_y="237dp"
android:ems="10"
android:inputType="textPersonName" />
```

<EditText

```
android:id="@+id/editTextNumber"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_x="86dp"
android:layout_y="322dp"
```

```
android:ems="10"  
android:inputType="number" />
```

```
<EditText  
    android:id="@+id/editTextNumber2"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_x="86dp"  
    android:layout_y="411dp"  
    android:ems="10"  
    android:inputType="number" />
```

```
</AbsoluteLayout>
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

- Output:

The image shows a mobile application interface with a white background and a purple status bar at the top. The status bar displays the time '7:28', a gear icon for settings, and signal/battery indicators. The main content area contains three input fields, each with a label above it and a value inside. The first field is labeled 'Place Name' and contains 'Jaihind Polytechnic Kurai'. The second field is labeled 'age' and contains '18'. The third field is labeled 'Mobile No' and contains '9876543219'. Below the input fields is a numeric keypad with buttons for digits 1-9, 0, a comma, a period, a minus sign, an equals sign, a backspace icon, and a blue checkmark button. The bottom of the screen shows the Android navigation bar with a triangle, a circle, and a square icon.

7:28

Place Name

Jaihind Polytechnic Kurai

age

18

Mobile No

9876543219

1 2 3 -

4 5 6 =

7 8 9 ↵

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