

## PRACTICAL-5

### AIM:

Implement the following layout using Linear Layout.



**PROGRAM CODE:**

- **Activity\_main.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"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity"
    android:orientation="vertical">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:orientation="horizontal">

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="match_parent"
            android:layout_weight="1"
            android:background="#ED4F85"
            android:gravity="center">

            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="1"
                android:textColor="@color/white"
```

```
        android:textSize="50dp"
        tools:ignore="HardcodedText,SpUsage" />
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:layout_weight="1"
    android:orientation="vertical">
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:orientation="horizontal">
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#8BC34A"
    android:layout_weight="1"
    android:gravity="center">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="2"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#FFC107"
    android:layout_weight="1"
    android:gravity="center">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="3"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#E91E36"
    android:layout_weight="1"
    android:gravity="center">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="4"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="match_parent"
```

```
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:layout_weight="1">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#B698ED"
    android:layout_weight="1"
    android:gravity="center">
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="5"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#27B7F8"
    android:layout_weight="2"
    android:gravity="center">
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="6"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />
</LinearLayout>
</LinearLayout>
</LinearLayout>
```

```
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_weight="1">
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:layout_weight="1"
    android:orientation="vertical">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_weight="1">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#B698ED"
    android:layout_weight="1"
    android:gravity="center">
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="5"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
```

```
        android:background="#27B7F8"
        android:layout_weight="2"
        android:gravity="center">
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="6"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />
</LinearLayout>
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:orientation="horizontal">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#8BC34A"
    android:layout_weight="1"
    android:gravity="center">
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="2"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />
</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
```

```
        android:background="#FFC107"
        android:layout_weight="1"
        android:gravity="center">
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="3"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />

</LinearLayout>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#E91E36"
    android:layout_weight="1"
    android:gravity="center">
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="4"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />

</LinearLayout>
</LinearLayout>
</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:layout_weight="1"
```



```
        android:background="#ED4F85"
        android:gravity="center">
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="1"
    android:textColor="@color/white"
    android:textSize="50dp"
    tools:ignore="HardcodedText,SpUsage" />

</LinearLayout>
</LinearLayout>
</LinearLayout>
```

**OUTPUT:**