

Exercise:

1. Write program to show five checkboxes and toast selected checkboxes.

- activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
xmlns:android="http://schemas.android.
com/apk/res/android"
android:layout_width="fill_parent"
android:layout_height="fill_parent"
android:orientation="vertical"
android:padding="20dp">
<TextView android:layout_width="
match_parent"
android:layout_height="wrap_content"
android:gravity="center"
android:text="Select Language That You
Know" android:textSize="24dp"
android:textStyle="bold" />
<CheckBox android:id="@+id/chdr"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Marathi"
android:textSize="24dp" />
<CheckBox android:id="@+id/chpro"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Hindi"
android:textSize="24dp" />
```

```
<CheckBox android:id="@+id/chrd"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="English"
android:textSize="24dp" />
<CheckBox
android:id="@+id/chwr"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Kannad"
android:textSize="24dp" />
<CheckBox android:id="@+id/chsi"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Gujrati"
android:textSize="24dp" />
<Button
android:id="@+id/btnDisplay"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginTop="20dp"
android:onClick="showSelected"
android:text="Display" />
</LinearLayout>
```

- acitvitymain.java

```
package com.example.pr11_checkbox;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.*;
public class MainActivity extends AppCompatActivity {
    private CheckBox cd, cp, cr, cw, cs;
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        cd = findViewById(R.id.chdr);
        cp = findViewById(R.id.chpro);
        cr = findViewById(R.id.chrd);
        cw = findViewById(R.id.chwr);
        cs = findViewById(R.id.chsi);}
    public void showSelected(View view) {
        String selected = "You selected: \n";
        if(cd.isChecked())
            selected += "Marathi";
```

```
if(cp.isChecked())
    selected += "\nHindi";
if(cr.isChecked())
    selected += "\nEnglish";
if(cw.isChecked())
    selected += "\nKannad";
if(cs.isChecked())
    selected += "\nGujrati";
Toast.makeText(MainActivity.this, selected, Toast.LENGTH_SHORT).show();
}
}
```

OUTPUT:

