Practical No 11

CheckBox Toast

Activity_main.xml

```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:orientation="vertical"
    android:layout_margin="80dp"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <CheckBox
        android:id="@+id/cb_c"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="C"
        android:layout_marginVertical="10dp"
        android:onClick="show"/>

    <CheckBox
        android:id="@+id/cb_cpp"
        android:layout_marginVertical="10dp"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="C++"
        android:onClick="show"/>

    <CheckBox
        android:layout_marginVertical="10dp"
        android:id="@+id/cb_java"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Java"
        android:onClick="show"/>

    <CheckBox
        android:layout_marginVertical="10dp"
        android:id="@+id/cb_py"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Python"
        android:onClick="show"/>

    <CheckBox
        android:layout_marginVertical="10dp"
        android:id="@+id/cb_php"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="PHP"
        android:onClick="show"/>
</LinearLayout>
```
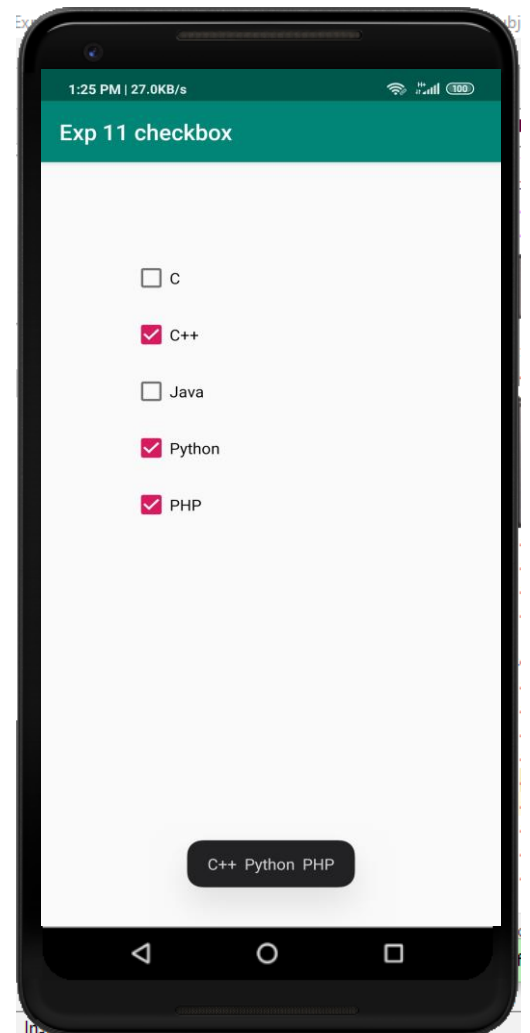
MainActivity.java

```java
package com.example.exp11checkbox;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.CheckBox;
import android.widget.CompoundButton;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    CheckBox c, cpp, java, php, py;
    String str = new String();

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        c = findViewById(R.id.cb_c);
        cpp = findViewById(R.id.cb_cpp);
        java = findViewById(R.id.cb_java);
        php = findViewById(R.id.cb_php);
        py = findViewById(R.id.cb_py);
    }

    public void show(View view) {
        if(c.isChecked()){
            str += " C ";
        }
        if(cpp.isChecked()) {
            str += " C++ ";
        }
        if(java.isChecked()){
            str += " Java ";
        }
        if(py.isChecked()){
            str += " Python ";
        }
        if(php.isChecked()){
            str += " PHP ";
        }
        Toast.makeText(getApplicationContext(),str,Toast.LENGTH_LONG).show();
        str = "";
    }
}
```