

```
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    private RadioGroup radioGroup;
    private RadioButton radioButton;
    private Button button;

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

        // Display name of the Application
        setTitle("RadioGroup in Kotlin");

        // Assigning id of RadioGroup
        radioGroup = findViewById(R.id.radioGroup1);

        // Assigning id of Submit button
        button = findViewById(R.id.submitButton);

        // Actions to be performed
        // when Submit button is clicked
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                // Getting the checked radio button id
                // from the radio group
                int selectedOption = radioGroup.getCheckedRadioButtonId();
```

```

        // Assigning id of the checked radio button
        radioButton = findViewById(selectedOption);

        // Displaying text of the checked radio button in the form of
toast
        Toast.makeText(getApplicationContext(), radioButton.getText(),
Toast.LENGTH_SHORT).show();
    }
    });
}
}
}

```

activity_main.xml

```

<?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"
    android:background="#168BC34A"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Choose a GfG course"
        android:textAlignment="center"
        android:textColor="@android:color/holo_green_dark"
        android:textSize="24sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.19" />

```

<RadioGroup

```
    android:id="@+id/radioGroup1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="#024CAF50"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView"
    app:layout_constraintVertical_bias="0.24000001">
```

<RadioButton

```
    android:id="@+id/radioButton1"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Amazon SDE Test Series"
    android:textSize="16sp" />
```

<RadioButton

```
    android:id="@+id/radioButton2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Placement 100"
    android:textSize="16sp" />
```

<RadioButton

```
    android:id="@+id/radioButton3"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="C++ STL"
    android:textSize="16sp" />
```

<RadioButton

```
    android:id="@+id/radioButton4"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
```

```
        android:text="CS Core Subjects"
        android:textSize="16sp" />
```

```
<RadioButton
    android:id="@+id/radioButton5"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="DSA Self paced"
    android:textSize="16sp" />
```

```
</RadioGroup>
```

```
<Button
    android:id="@+id/submitButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="#AB4CAF50"
    android:text="submit_Button"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/radioGroup1"
    app:layout_constraintVertical_bias="0.17000002" />
```

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