Date: 14-02-2022

**Q. Spinner**

**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"  
 tools:context=".MainActivity">  
  
 <Spinner  
 android:id="@+id/spinner"  
 android:layout\_width="182dp"  
 android:layout\_height="46dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.829"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.499"  
 tools:ignore="TouchTargetSizeCheck,SpeakableTextPresentCheck" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="84dp"  
 android:layout\_height="35dp"  
 android:text="Courses"  
 android:textSize="20dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.186"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity.java**

package com.example.spinner;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.Spinner;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 Spinner spin;  
 String courses[]={"B Tech","M Tech","MCA"};  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 spin=findViewById(R.id.*spinner*);  
 ArrayAdapter arrayAdapter=new ArrayAdapter(this, R.layout.*support\_simple\_spinner\_dropdown\_item*,courses);  
 spin.setAdapter(arrayAdapter);  
  
 spin.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {  
 @Override  
 public void onItemSelected(AdapterView<?> parent, View view, int position, long id) {  
 Toast.*makeText*(getApplicationContext(),"You Clicked " + courses[position], Toast.*LENGTH\_LONG*).show();  
  
 }  
  
 @Override  
 public void onNothingSelected(AdapterView<?> parent) {  
 return;  
 }  
 });  
 }  
}

**Output**

  