Q.16) Write an android code to accept fav Fruit from user. Autocomplete the answer by using autocomplete textview and arrayAdapter

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">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="128dp"  
 android:layout\_height="51dp"  
 android:layout\_marginTop="188dp"  
 android:text=" Fav fruits"  
 android:textSize="25sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.558"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <AutoCompleteTextView  
 android:id="@+id/autoCompleteTextView"  
 android:layout\_width="210dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="92dp"  
 android:hint="Type fav Fruit name"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.651"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

MainActivity.java

package com.example.favfruite;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.ArrayAdapter;  
import android.widget.AutoCompleteTextView;  
  
public class MainActivity extends AppCompatActivity {  
 String[] language={"Strawberry","Banana","Pineapple","Orange","Grapes","Apple","Chickoo","Kiwi","Mango"};  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,android.R.layout.*select\_dialog\_item*,language);  
 AutoCompleteTextView actv = (AutoCompleteTextView)findViewById(R.id.*autoCompleteTextView*); actv.setThreshold(1);  
 actv.setAdapter(adapter);  
 }  
}