

visiting card kt file

```
package com.example.visitingcard
```

```
import android.content.Intent
```

```
import android.graphics.Color
```

```
import android.net.Uri
```

```
import android.os.Bundle
```

```
import android.provider.MediaStore
```

```
import androidx.appcompat.app.AppCompatActivity
```

```
import androidx.appcompat.app.AppCompatActivity
```

```
import kotlinx.android.synthetic.main.activity_main.*
```

```
class MainActivity : AppCompatActivity() {
```

```
    private var img: Uri? = null
```

```
    private var pickImg = 100
```

```
    override fun onCreate(savedInstanceState: Bundle?) {
```

```
        super.onCreate(savedInstanceState)
```

```
        setContentView(R.layout.activity_main)
```

```
        AppCompatActivity.setDefaultNightMode(AppCompatActivity.MODE_NIGHT_NO)
```

```
        setViews()
```

```
    }
```

```
//Button handler functions
```

```
private fun setViews() {
```

```
    logoBtn.setOnClickListener{pickImage()}
```

```
    genBtn.setOnClickListener{setTextViews()}
```

```
}
```

```
//Function to set text views
```

```
private fun setTextViews(){  
    val cName = cName.getText()  
    val pName = pName.getText()  
    val pJob = pJob.getText()  
    val pPhone = pPhone.getText()  
    val pAddress = pAddress.getText()  
    val pMail = pMail.getText()  
  
    cNameView.text = cName  
    pNameView.text = pName  
    pJobView.text = pJob  
    pAddressView.text = pAddress  
    pMailView.text = pMail  
    pPhoneView.text = pPhone  
    lineView.setBackgroundColor(Color.BLACK)  
    cLogoView.setImageURI(img)  
}
```

```
//Function to select picture
```

```
private fun pickImage(){  
    val pic = Intent(Intent.ACTION_PICK, MediaStore.Images.Media.INTERNAL_CONTENT_URI)  
    startActivityForResult(pic, pickImg)  
}
```

```
//Function to apply picture
```

```
override fun onActivityResult(requestCode: Int, resultCode: Int, data: Intent?) {  
    super.onActivityResult(requestCode, resultCode, data)  
    if(resultCode == RESULT_OK && requestCode == pickImg){  
        img = data?.data  
    }  
}
```

```
}  
}
```

xml file

```
<?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/pNameView"  
        android:layout_width="327dp"  
        android:layout_height="31dp"  
        android:layout_alignParentStart="true"  
        android:layout_alignParentTop="true"  
        android:layout_alignParentEnd="true"  
        android:layout_centerInParent="true"  
        android:textAlignment="center"  
        android:textAllCaps="true"  
        android:textSize="18sp"  
        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="0.761" />
```

```
<TextView
```

```
    android:id="@+id/pPhoneView"  
    android:layout_width="327dp"  
    android:layout_height="31dp"  
    android:layout_alignParentStart="true"  
    android:layout_alignParentTop="true"  
    android:layout_alignParentEnd="true"  
    android:layout_centerInParent="true"  
    android:textAlignment="center"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.949" />
```

```
<TextView
```

```
    android:id="@+id/pJobView"  
    android:layout_width="327dp"  
    android:layout_height="31dp"  
    android:layout_alignParentStart="true"  
    android:layout_alignParentTop="true"  
    android:layout_alignParentEnd="true"  
    android:layout_centerInParent="true"  
    android:textAlignment="center"  
    android:textAllCaps="false"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"
```

```
app:layout_constraintVertical_bias="0.808" />
```

```
<TextView
```

```
    android:id="@+id/pAddressView"  
    android:layout_width="327dp"  
    android:layout_height="31dp"  
    android:layout_alignParentStart="true"  
    android:layout_alignParentTop="true"  
    android:layout_alignParentEnd="true"  
    android:layout_centerInParent="true"  
    android:textAlignment="center"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.902" />
```

```
<TextView
```

```
    android:id="@+id/pMailView"  
    android:layout_width="327dp"  
    android:layout_height="31dp"  
    android:layout_alignParentStart="true"  
    android:layout_alignParentTop="true"  
    android:layout_alignParentEnd="true"  
    android:layout_centerInParent="true"  
    android:textAlignment="center"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.855" />
```

<Button

```
    android:id="@+id/genBtn"
    android:layout_width="160dp"
    android:layout_height="66dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:text="@string/genBtn"
    app:backgroundTint="#4CAF50"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.832"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.499" />
```

<TextView

```
    android:id="@+id/cNameView"
    android:layout_width="218dp"
    android:layout_height="56dp"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:layout_alignParentEnd="true"
    android:layout_centerInParent="true"
    android:textSize="30sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.217"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
```

```
app:layout_constraintVertical_bias="0.659"  
app:textAllCaps="true" />
```

```
<ImageView  
    android:id="@+id/cLogoView"  
    android:layout_width="107dp"  
    android:layout_height="114dp"  
    android:layout_alignParentEnd="true"  
    android:layout_alignParentBottom="true"  
    android:contentDescription="@string/logoDesc"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintHorizontal_bias="0.861"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.658" />
```

```
<EditText  
    android:id="@+id/cName"  
    android:layout_width="327dp"  
    android:layout_height="47dp"  
    android:layout_alignParentStart="true"  
    android:layout_alignParentTop="true"  
    android:layout_centerHorizontal="true"  
    android:layout_marginBottom="12dp"  
    android:autofillHints=""  
    android:ems="10"  
    android:hint="@string/cName"  
    android:inputType="textPersonName"  
    android:singleLine="true"  
    app:layout_constraintBottom_toBottomOf="parent"
```

```
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.08" />
```

<EditText

```
    android:id="@+id/pPhone"
    android:layout_width="327dp"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:autofillHints=""
    android:ems="10"
    android:hint="@string/pPhone"
    android:inputType="number|phone"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.415" />
```

<EditText

```
    android:id="@+id/pJob"
    android:layout_width="327dp"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:layout_marginBottom="8dp"
    android:autofillHints=""
    android:ems="10"
    android:hint="@string/pJob"
```



```
android:inputType="textPersonName"
android:singleLine="true"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.286" />
```

<EditText

```
android:id="@+id/pName"
android:layout_width="327dp"
android:layout_height="wrap_content"
android:layout_alignParentStart="true"
android:layout_alignParentTop="true"
android:layout_marginBottom="12dp"
android:autofillHints=""
android:ems="10"
android:hint="@string/pName"
android:inputType="textPersonName"
android:singleLine="true"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.151" />
```

<EditText

```
android:id="@+id/pAddress"
android:layout_width="327dp"
android:layout_height="wrap_content"
android:layout_alignParentStart="true"
```

```
android:layout_alignParentTop="true"
android:layout_marginBottom="12dp"
android:autofillHints=""
android:ems="10"
android:hint="@string/pAddress"
android:inputType="textPersonName"
android:singleLine="true"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.219" />
```

<EditText

```
android:id="@+id/pMail"
android:layout_width="327dp"
android:layout_height="wrap_content"
android:layout_alignParentStart="true"
android:layout_alignParentTop="true"
android:autofillHints=""
android:ems="10"
android:hint="@string/pMail"
android:inputType="textEmailAddress"
android:singleLine="true"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.35" />
```

<Button

```
android:id="@+id/logoBtn"
android:layout_width="160dp"
android:layout_height="66dp"
android:layout_alignParentStart="true"
android:layout_alignParentTop="true"
android:text="@string/logoBtn"
app:backgroundTint="#03A9F4"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.167"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.499" />
```

<TextView

```
android:id="@+id/lineView"
android:layout_width="327dp"
android:layout_height="2dp"
android:layout_alignParentStart="true"
android:layout_alignParentTop="true"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.713" />
```

</androidx.constraintlayout.widget.ConstraintLayout>

strings.xml

```
<resources>

  <string name="app_name">visiting card</string>

  <string name="cName">Company name</string>

  <string name="pName">Your name</string>

  <string name="pJob">Occupation</string>

  <string name="pMail">Mail, Fax</string>

  <string name="pAddress">Address</string>

  <string name="pPhone">Phone</string>

  <string name="genBtn">Generate</string>

  <string name="logoBtn">Select Logo</string>

  <string name="logoDesc">Displays company logo</string>

</resources>
```