

INTERNSHIP REPORT

Development of an Android Application for ordering online snacks, Tea, Coffees, Cookies etc named as

“Yaari Dostea Cafe”



Computer Engineering Section

**University Polytechnic, Faculty of Engineering and Technology
Jamia Millia Islamia (A Central University)
New Delhi-110025**

Submitted By:

Mohd Arifullah

16DCS034

Serial No:32

University Polytechnic

Submitted To:

Mr. Sunil

Assistant Professor

Computer Engg. section

University Polytechnic

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Introduction to Android Development



WHATS IS ANDROID ?

Android is an open source and Linux-based **Operating System** for mobile devices such as smartphones and tablet computers. Android was developed by the *Open Handset Alliance*, led by Google, and other companies.

Android offers a unified approach to application development for mobile devices which means developers need only develop for Android, and their applications should be able to run on different devices powered by Android.

The first beta version of the Android Software Development Kit (SDK) was released by Google in 2007 where as the first commercial version, Android 1.0, was released in September 2008.

On June 27, 2012, at the Google I/O conference, Google announced the next Android version, **4.1 Jelly Bean**. Jelly Bean is an incremental update, with the primary aim of improving the user interface, both in terms of functionality and performance.

The source code for Android is available under free and open source software licenses. Google publishes most of the code under the Apache License version 2.0 and the rest, Linux kernel changes, under the GNU General Public License version 2.



Features of Android

Android is a powerful operating system competing with Apple 4GS and supports great features.

Few of them are listed below –

Android Applications

Android applications are usually developed in the Java language using the Android Software Development Kit.

Once developed, Android applications can be packaged easily and sold out either through a store such as **Google Play**, **SlideME**, **Opera Mobile Store**, **Mobango**, **F-droid** and the **Amazon Appstore**.

Android powers hundreds of millions of mobile devices in more than 190 countries around the world. It's the largest installed base of any mobile platform and growing fast. Every day more than 1 million new Android devices are activated worldwide.



History of Android

The code names of android ranges from A to N currently, such as Aestro, Blender, Cupcake, Donut, Eclair, Froyo, Gingerbread, Honeycomb, Ice Cream Sandwitch, Jelly Bean, KitKat, Lollipop and Marshmallow. Let's understand the android history in a sequence.



What is API level?

API Level is an integer value that uniquely identifies the framework API revision offered by a version of the Android platform.

Dalvik Virtual Machine | DVM

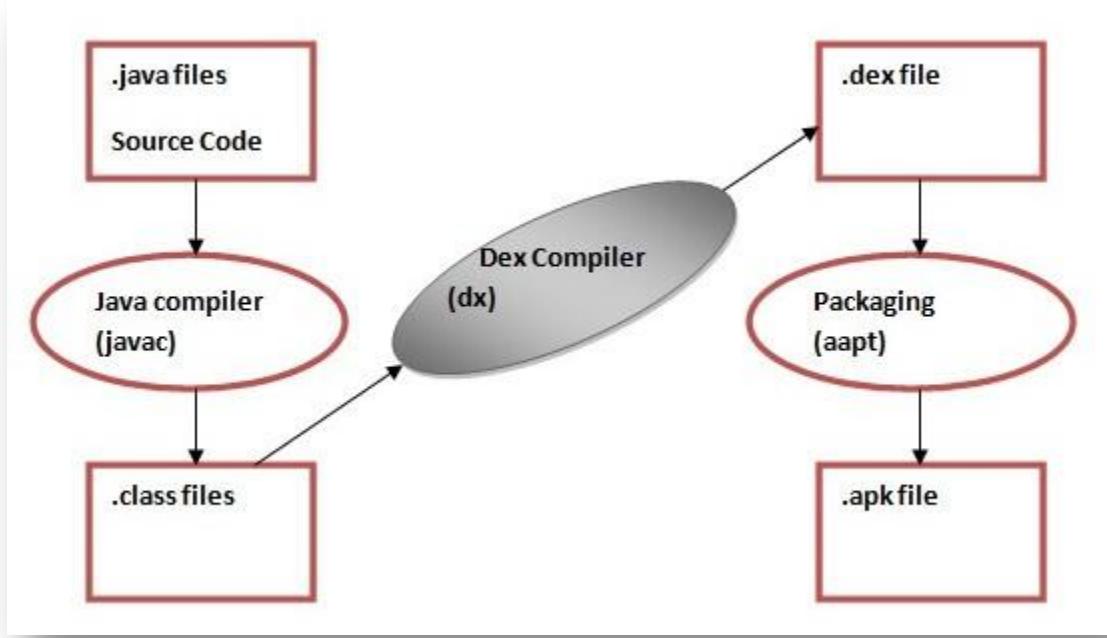
As we know the modern JVM is high performance and provides excellent memory management. But it needs to be optimized for low-powered handheld devices as well.

The **Dalvik Virtual Machine (DVM)** is an android virtual machine optimized for mobile devices. It optimizes the virtual machine for *memory, battery life* and *performance*.

Dalvik is a name of a town in Iceland. The Dalvik VM was written by Dan Bornstein.

The Dex compiler converts the class files into the .dex file that run on the Dalvik VM. Multiple class files are converted into one dex file.

Let's see the compiling and packaging process from the source file:



The **javac tool** compiles the java source file into the class file. The **dx tool** takes all the class files of your application and generates a single .dex file. It is a platform-specific tool. The **Android Assets Packaging Tool (aapt)** handles the packaging process.

KNOWINNG ANDROID

We will start our Android application development on any of the following operating systems

: Microsoft Window XP or later version.

Mac OS X 10.5.8 or later version with Intel chip

Linux including GNU Library with Intel chip.

Android App Development

Android app is a combination of different source code in a single place whose action can be performed just by a single touch. Example:- Suppose if we want to add two no's then we just have to click on the calculator app and enter two no's and the operand that we have to perform. It makes our work much easier and this are much user friendly. So what happen ? How it calculated the answer. Android programming is based on java programming language so if we have basic understanding on Java programming then it will be a fun to study Android app

development.

Java in Android App Development.

Java is a programming language that doesn't compile to native processor code but rather it refers to virtual machine which understands an intermediate format i.e; java byte-code. Each platform that uses java to run needs a virtual device. An android app uses a android application that runs on android platform. It build on custom virtual machine that gives its user the addition usage and application power and a user friendly environment. Android actual virtual machine is called Dalvik.

Android Software Development Kit(Android SDK) :

Apps that extend the functionality of device is written using Android SDK and often using java programming language. The SDK includes a set of development tools, including a debugger, software libraries,a handset emulator, sample code, etc. Initially Google supported Integrated Development Environment(IDE) i.e; Eclipse using the Android Development Tools(ADT) plugins. Other development tools are also available such as Native Development Kit(NDK). Android Studio that is based on IntelliJ IDEA developed by Google as its primary IDE for android app development. Android is a selection of third-party application which can be acquired by users by downloading and installing the Android Application Package (APK) file.

Android Application :

They are generally developed in the java language using the Android SDK. Android applications can be packaged easily and sold out either through a store such as Google play ,etc. There are many android applications that we already know and uses them few are music, news ,weather, etc. Many android application are also available for free most of them are already available in play store. These apps are compatible with almost every platform but few are also available for the specific platform.

Basic Android project structure

Every Android project contains several folders:

- i) *src*: This folder contains the Java source files.
- ii) *gen*: Generated Java library, this library is for Android internal use only.
- iii) *Res*: Here we can store resource files such as pictures, XML files for defining layouts, and so forth. Within this folder there are additional folders such as *Drawable*, *Layout*, and *Values*.
- iv) *Drawable*: Here we store the various graphic files. We can see three types of drawable folders. This is because there are many Android devices with different

- screen resolutions. By default, there are several versions of this folder such as: *Drawable-mdpi*, *drawable-hdpi*, and so forth. This is required in order to adapt to different screen resolutions.
- v) *Layout*: This is the place for XML layout files. Layout files are XML files which define how various Android objects (such as textboxes, buttons, etc.) are organized on the screen.
 - vi) *Values*: XML files which store various string values (titles, labels, etc.).

Major files in the Android project:

- *AndroidManifest.xml*: This is the Android definition file. It contains information about the Android application such as minimum Android version, permission to access Android device capabilities such as internet access permission, ability to use phone permission, etc.
- *main_activity.xml*: This file describes the layout of the page. This means the placement of every component (such as textboxes, labels, radio buttons, user defined components, etc.) on the app screen.
- *MainActivity.class*: Every application that occupies the entire device screen needs at least one class which inherits from the Activity class. One major method is called OnCreate. This method initiates the app and loads the layout page.

ANDROID MANIFEST FILE

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android=http://schemas.android.com/apk/res/android
package="com.example.mohdarif.myapp">
<application android:allowBackup="true" android:icon="@mipmap/ic_launcher"
    android:label="@string/Apps"
    android:roundIcon="@mipmap/ic_launcher_round"
    android:supportsRtl="true"
    android:theme="@style/AppTheme">
    <activity android:name=".MainActivity">
        <intent-filter>
            <action android:name="android.intent.action.MAIN" />
            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
    </activity>
</application>
</manifest>
```

MAIN ACTIVITY.XML

```
<?xml version="1.0" encoding="utf-8"?>  
<android.support.constraint.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:layout_width="match_parent"  
            android:layout_height="match_parent"  
            android:text=" "  
            app:layout_constraintBottom_toBottomOf="parent"  
            app:layout_constraintLeft_toLeftOf="parent"  
            app:layout_constraintRight_toRightOf="parent"  
            app:layout_constraintTop_toTopOf="parent"      />  
  
</android.support.constraint.ConstraintLayout>
```

MAINACTIVITY.JAVA

```
package com.example.mohdarif.myapp1;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);    }

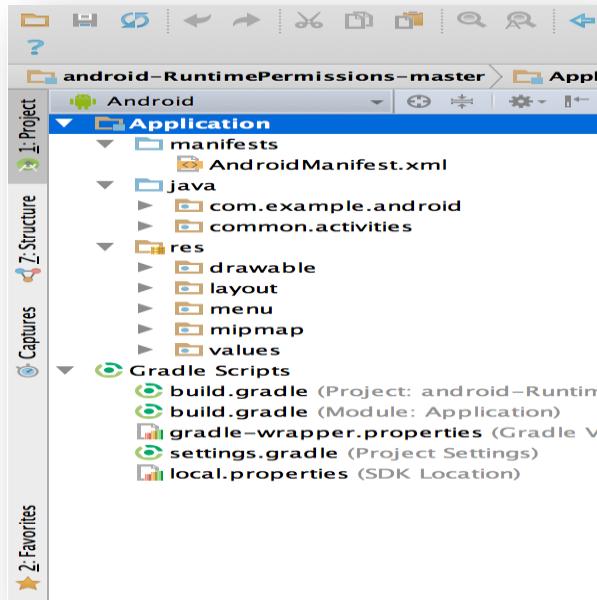
}
```

Starting with Android Studio

Android Studio is the official Integrated Development Environment (IDE) for Android app development, based on IntelliJ IDEA . On top of IntelliJ's powerful code editor and developer tools, Android Studio offers even more features that enhance your productivity when building Android apps, such as:

- A flexible Gradle-based build system
- A fast and feature-rich emulator
- A unified environment where you can develop for all Android devices
- Instant Run to push changes to your running app without building a new APK
- Code templates and GitHub integration to help you build common app features and import sample code
- Extensive testing tools and frameworks
- Lint tools to catch performance, usability, version compatibility, and other problems
- C++ and NDK support
- Built-in support for Google Cloud Platform, making it easy to integrate Google Cloud Messaging and App Engine

Project structure



Each project in Android Studio contains one or more modules with source code files and resource files. Types of modules include:

- Android app modules
- Library modules
- Google App Engine modules

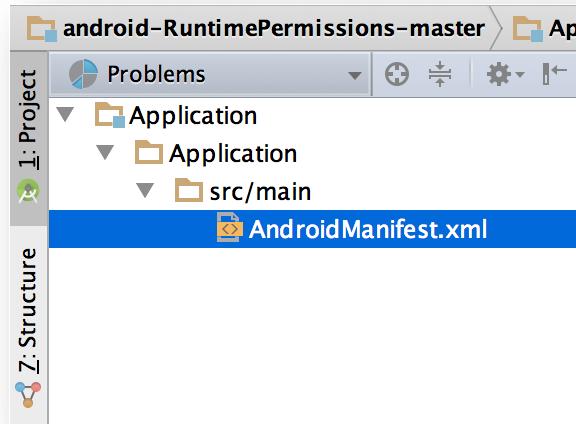
By default, Android Studio displays your project files in the Android project. This view is organized by modules to provide quick access to your project's key source files.

All the build files are visible at the top level under **Gradle Scripts** and each app module contains the following folders:

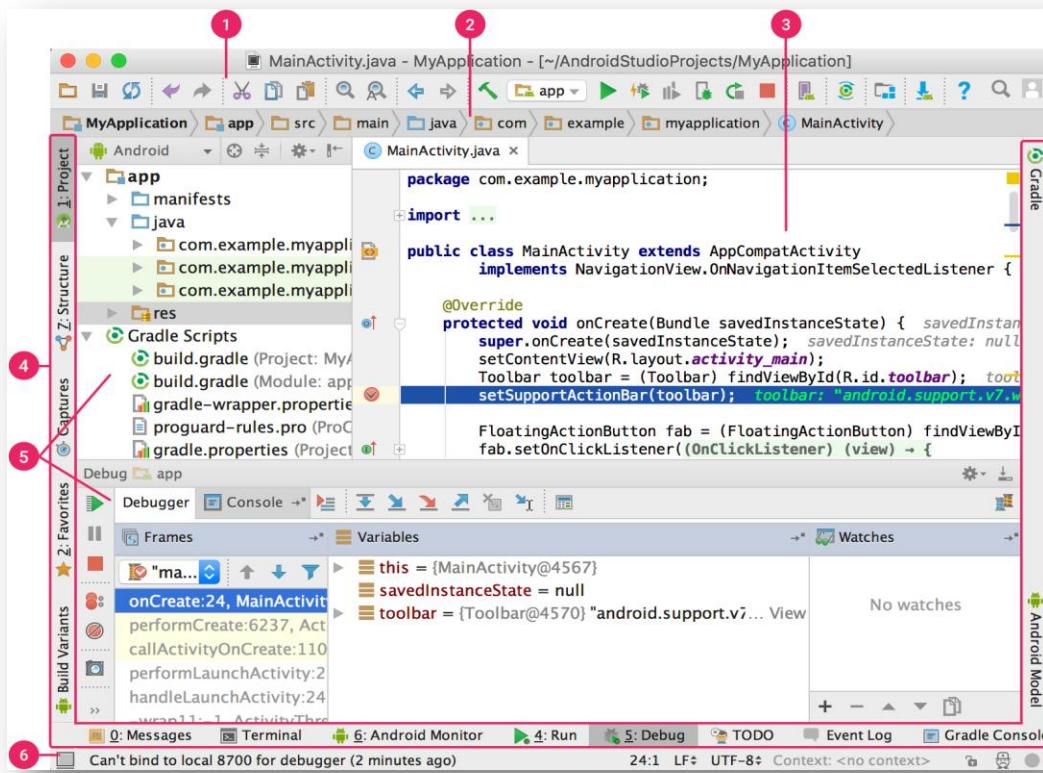
- **manifests**: Contains the `AndroidManifest.xml` file.
- **java**: Contains the Java source code files, including JUnit test code.
- **res**: Contains all non-code resources, such as XML layouts, UI strings, and bitmap images.

The Android project structure on disk differs from this flattened representation. To see the actual file structure of the project, select **Project** from the **Project** dropdown (in figure 1, it's showing as **Android**).

You can also customize the view of the project files to focus on specific aspects of your app development. For example, selecting the **Problems** view of your project displays links to the source files containing any recognized coding and syntax errors, such as a missing XML element closing tag in a layout file.



The user interface



1. The **toolbar** lets you carry out a wide range of actions, including running your app and launching Android tools.
2. The **navigation bar** helps you navigate through your project and open files for editing. It provides a more compact view of the structure visible in the **Project** window.
3. The **editor window** is where you create and modify code. Depending on the current file type, the editor can change. For example, when viewing a layout file, the editor displays the Layout Editor.
4. The **tool window bar** runs around the outside of the IDE window and contains the buttons that allow you to expand or collapse individual tool windows.
5. The **tool windows** give you access to specific tasks like project management, search, version control, and more. You can expand them and collapse them.
6. The **status bar** displays the status of your project and the IDE itself, as well as any warnings or messages.

You can organize the main window to give yourself more screen space by hiding or moving toolbars and tool windows. You can also use keyboard shortcuts to access most IDE features.

At any time, you can search across your source code, databases, actions, elements of the user interface, and so on, by double-pressing the Shift key, or clicking the magnifying glass in the upper right-hand corner of the Android Studio window. This can be very useful if, for example, you are trying to locate a particular IDE action that you have forgotten how to trigger.

Tool windows

Instead of using preset perspectives, Android Studio follows your context and automatically brings up relevant tool windows as you work. By default, the most commonly used tool windows are pinned to the tool window bar at the edges of the application window.

- To expand or collapse a tool window, click the tool's name in the tool window bar. You can also drag, pin, unpin, attach, and detach tool windows.
- To return to the current default tool window layout, click **Window > Restore Default Layout** or customize your default layout by clicking **Window > Store Current Layout as Default**.
- To show or hide the entire tool window bar, click the window icon  in the bottom left-hand corner of the Android Studio window.
- To locate a specific tool window, hover over the window icon and select the tool window from the menu.

You can also use keyboard shortcuts to open tool windows. Table 1 lists the shortcuts for the most common windows.

If you want to hide all toolbars, tool windows, and editor tabs, click **View > Enter Distraction Free Mode**. This enables Distraction Free Mode. To exit Distraction Free Mode, click **View > Exit Distraction Free Mode**.

You can use Speed Search to search and filter within most tool windows in Android Studio. To use Speed Search, select the tool window and then type your search query.

.Code completion

Android Studio has three types of code completion, which you can access using keyboard shortcuts.

You can also perform quick fixes and show intention actions by pressing **Alt+Enter**.

Find sample code

The Code Sample Browser in Android Studio helps you find high-quality, Google-provided Android code samples based on the currently highlighted symbol in your project. For more information, see [Find sample code](#).

Navigation

Here are some tips to help you move around Android Studio.

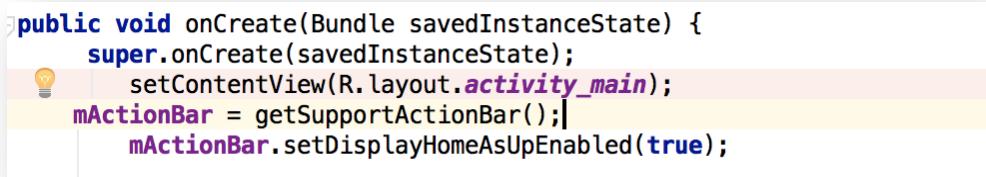
- Switch between your recently accessed files using the Recent Files action. Press **Control+E** (**Command+E** on a Mac) to bring up the Recent Files action. By default, the last accessed file is selected. You can also access any tool window through the left column in this action.
- View the structure of the current file using the File Structure action. Bring up the File Structure action by pressing **Control+F12** (**Command+F12** on a Mac). Using this action, you can quickly navigate to any part of your current file.
- Search for and navigate to a specific class in your project using the Navigate to Class action. Bring up the action by pressing **Control+N** (**Command+O** on a Mac). Navigate to Class supports sophisticated expressions, including camel humps, paths, line navigate to, middle name matching, and many more. If you call it twice in a row, it shows you the results out of the project classes.
- Navigate to a file or folder using the Navigate to File action. Bring up the Navigate to File action by pressing **Control+Shift+N** (**Command+Shift+O** on a Mac). To search for folders rather than files, add a / at the end of your expression.
- Navigate to a method or field by name using the Navigate to Symbol action. Bring up the Navigate to Symbol action by pressing **Control+Shift+Alt+N** (**Command+Option+O** on a Mac).

- Find all the pieces of code referencing the class, method, field, parameter, or statement at the current cursor position by pressing **Alt+F7** (**Option+F7** on a Mac).

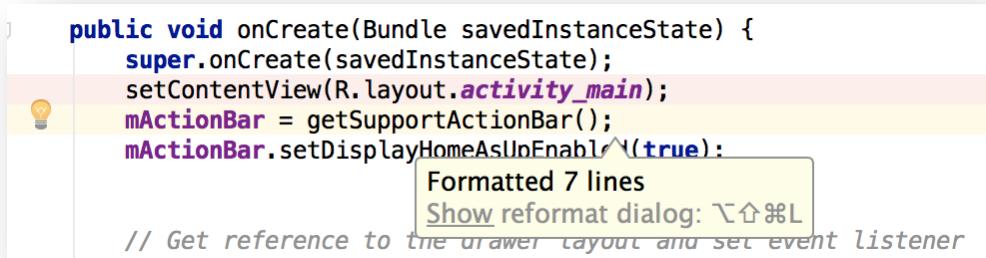
Style and formatting

As you edit, Android Studio automatically applies formatting and styles as specified in your code style settings. You can customize the code style settings by programming language, including specifying conventions for tabs and indents, spaces, wrapping and braces, and blank lines. To customize your code style settings, click **File > Settings > Editor > Code Style (Android Studio > Preferences > Editor > Code Style** on a Mac.)

Although the IDE automatically applies formatting as you work, you can also explicitly call the Reformat Codeaction by pressing **Control+Alt+L** (**Opt+Command+L** on a Mac), or auto-indent all lines by pressing **Control+Alt+I**(**Control+Option+I** on a Mac).



```
public void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main);  
    mActionBar = getSupportActionBar();  
    mActionBar.setDisplayHomeAsUpEnabled(true);
```



```
public void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main);  
    mActionBar = getSupportActionBar();  
    mActionBar.setDisplayHomeAsUpEnabled(true);
```

Formatted 7 lines
Show reformat dialog: ⌘L

// Get reference to the drawer layout and set event listener

Version control basics

Android Studio supports a variety of version control systems (VCS's), including Git, GitHub, CVS, Mercurial, Subversion, and Google Cloud Source Repositories.

After importing your app into Android Studio, use the Android Studio VCS menu options to enable VCS support for the desired version control system, create a repository, import the new files into version control, and perform other version control operations:

- From the Android Studio **VCS** menu, click **Enable Version Control Integration**.
- From the drop-down menu, select a version control system to associate with the project root, and then click **OK**.

The VCS menu now displays a number of version control options based on the system you selected.

Note: You can also use the **File > Settings > Version Control** menu option to set up and modify the version control settings.

Gradle build system

Android Studio uses Gradle as the foundation of the build system, with more Android-specific capabilities provided by the Android plugin for Gradle. This build system runs as an integrated tool from the Android Studio menu, and independently from the command line. You can use the features of the build system to do the following:

- Customize, configure, and extend the build process.
- Create multiple APKs for your app, with different features using the same project and modules.
- Reuse code and resources across sourcesets.

By employing the flexibility of Gradle, you can achieve all of this without modifying your app's core source files. Android Studio build files are named `build.gradle`. They are plain text files that use Groovy syntax to configure the build with elements provided by the Android plugin for Gradle. Each project has one top-level build file for the entire project and separate module-level build files for each module. When you import an existing project, Android Studio automatically generates the necessary build files.

Build variants

The build system can help you create different versions of the same application from a single project. This is useful when you have both a free version and a paid version of your app, or if you want to distribute multiple APKs for different device configurations on Google Play.

Multiple APK support

Multiple APK support allows you to efficiently create multiple APKs based on screen density or ABI. For example, you can create separate APKs of an app for the hdpi and mdpi screen densities, while still considering them a single variant and allowing them to share test APK, javac, dx, and ProGuard settings..

Resource shrinking

Resource shrinking in Android Studio automatically removes unused resources from your packaged app and library dependencies. For example, if your application is using Google Play services to access Google Drive functionality, and you are not currently using Google Sign-In, then resource shrinking can remove the various drawable assets for the `SignInButton` buttons..

Managing dependencies

Dependencies for your project are specified by name in the build.gradle file. Gradle takes care of finding your dependencies and making them available in your build. You can declare module dependencies, remote binary dependencies, and local binary dependencies in your build.gradle file. Android Studio configures projects to use the Maven Central Repository by default. (This configuration is included in the top-level build file for the project.) For more information about configuring dependencies, read Add build dependencies.

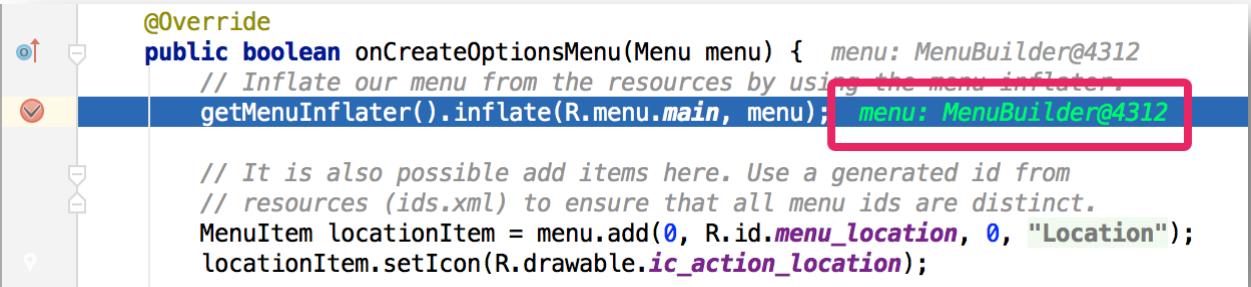
Debug and profile tools

Android Studio assists you in debugging and improving the performance of your code, including inline debugging and performance analysis tools.

Inline debugging

Use inline debugging to enhance your code walk-throughs in the debugger view with inline verification of references, expressions, and variable values. Inline debug information includes:

- Inline variable values
- Referring objects that reference a selected object
- Method return values
- Lambda and operator expressions
- Tooltip values



The screenshot shows the Android Studio debugger interface. On the left, there's a stack trace with several frames. The current frame is highlighted in blue and contains the following Java code:

```
@Override
public boolean onCreateOptionsMenu(Menu menu) {
    // Inflate our menu from the resources by using the menu inflater.
    getMenuInflater().inflate(R.menu.main, menu);
    menu: MenuBuilder@4312
```

A red box highlights the variable declaration "menu: MenuBuilder@4312". To the right of the code, there's explanatory text: "It is also possible add items here. Use a generated id from resources (ids.xml) to ensure that all menu ids are distinct." Below that, another line of code is shown: "MenuItem locationItem = menu.add(0, R.id.menu_location, 0, "Location");".

To enable inline debugging, in the **Debug** window, click **Settings**  and select the checkbox for **Show Values Inline**.

Performance profilers

Android Studio provides performance profilers so you can more easily track your app's memory and CPU usage, find deallocated objects, locate memory leaks, optimize graphics performance, and analyze network requests. With your app running on a device or emulator, open the **Android Profiler** tab.

Heap dump

When you're profiling memory usage in Android Studio, you can simultaneously initiate garbage collection and dump the Java heap to a heap snapshot in an Android-specific HPROF binary format file. The HPROF viewer displays classes, instances of each class, and a reference tree to help you track memory usage and find memory leaks.

Memory Profiler

You can use Memory Profiler to track memory allocation and watch where objects are being allocated when you perform certain actions. Knowing these allocations enables you to optimize your app's performance and memory use by adjusting the method calls related to those actions.

Data file access

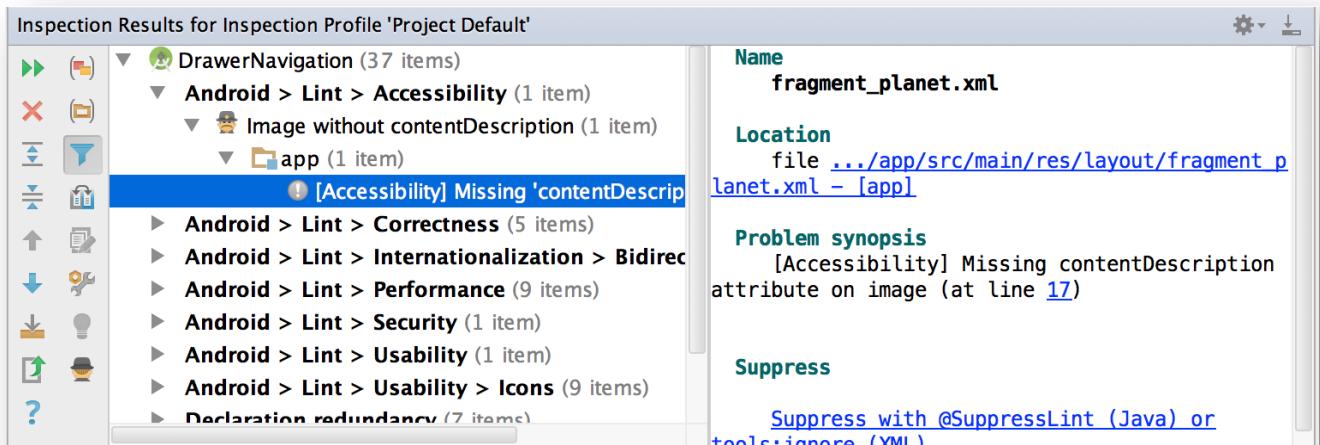
The Android SDK tools, such as Systrace, and logcat, generate performance and debugging data for detailed app analysis.

To view the available generated data files, open the Captures tool window. In the list of the generated files, double-click a file to view the data. Right-click any .hprof files to convert them to the standard Investigate your RAM usage file format.

Code inspections

Whenever you compile your program, Android Studio automatically runs configured Lint and other IDE inspections to help you easily identify and correct problems with the structural quality of your code.

The Lint tool checks your Android project source files for potential bugs and optimization improvements for correctness, security, performance, usability, accessibility, and internationalization.



In addition to Lint checks, Android Studio also performs IntelliJ code inspections and validates annotations to streamline your coding workflow.

Annotations in Android Studio

Android Studio supports annotations for variables, parameters, and return values to help you catch bugs, such as null pointer exceptions and resource type conflicts. The Android SDK Manager packages the Support-Annotations library in the Android Support Repository for use with Android Studio. Android Studio validates the configured annotations during code inspection.

Log messages

When you build and run your app with Android Studio, you can view adb output and device log messages in the **Logcat** window.

Performance profiling

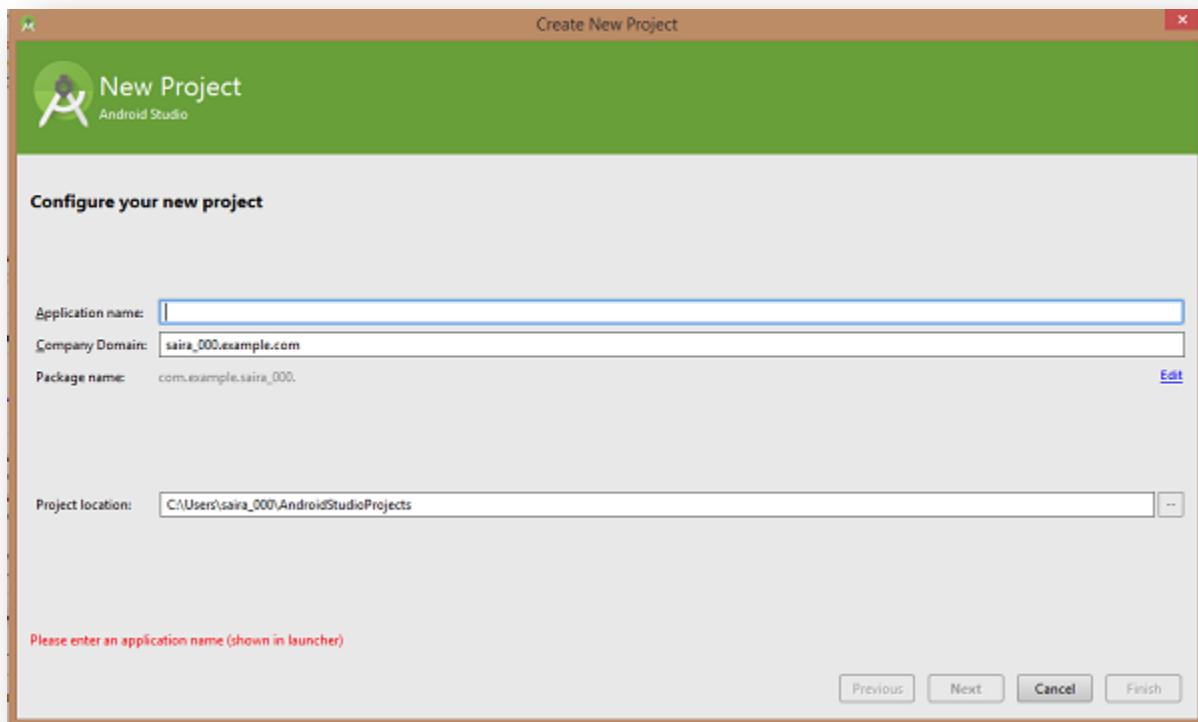
If you want to profile your app's CPU, memory, and network performance, open the Android Profiler, by clicking **View > Tool Windows > Android Profiler**.

Creating Hello World Application in Android

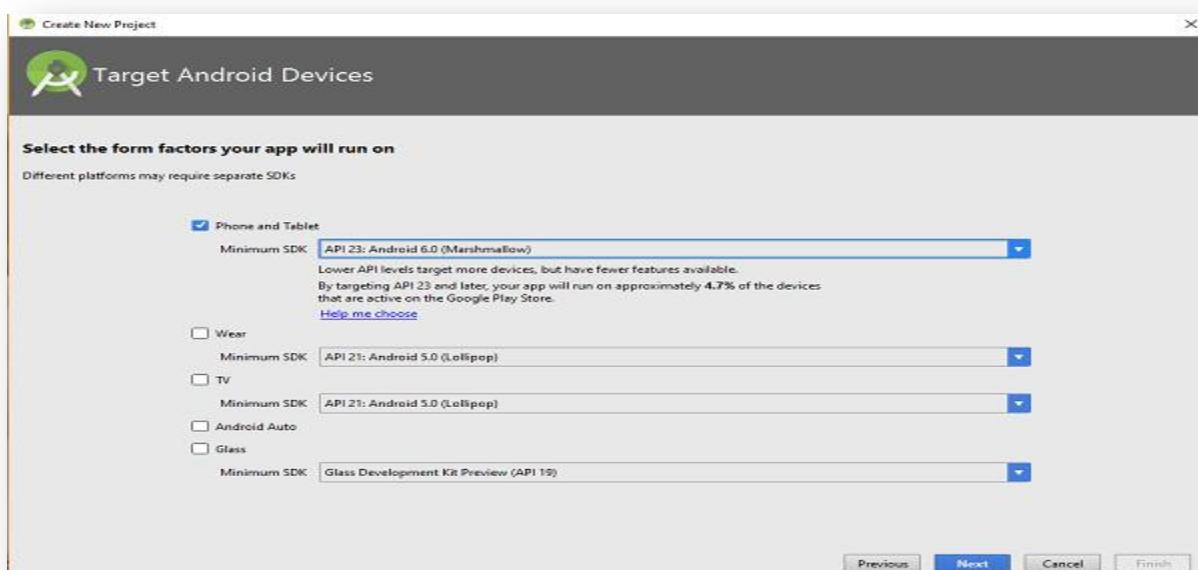
The first step is to create a simple Android Application using Android studio. When you click on Android studio icon, it will show screen as shown below



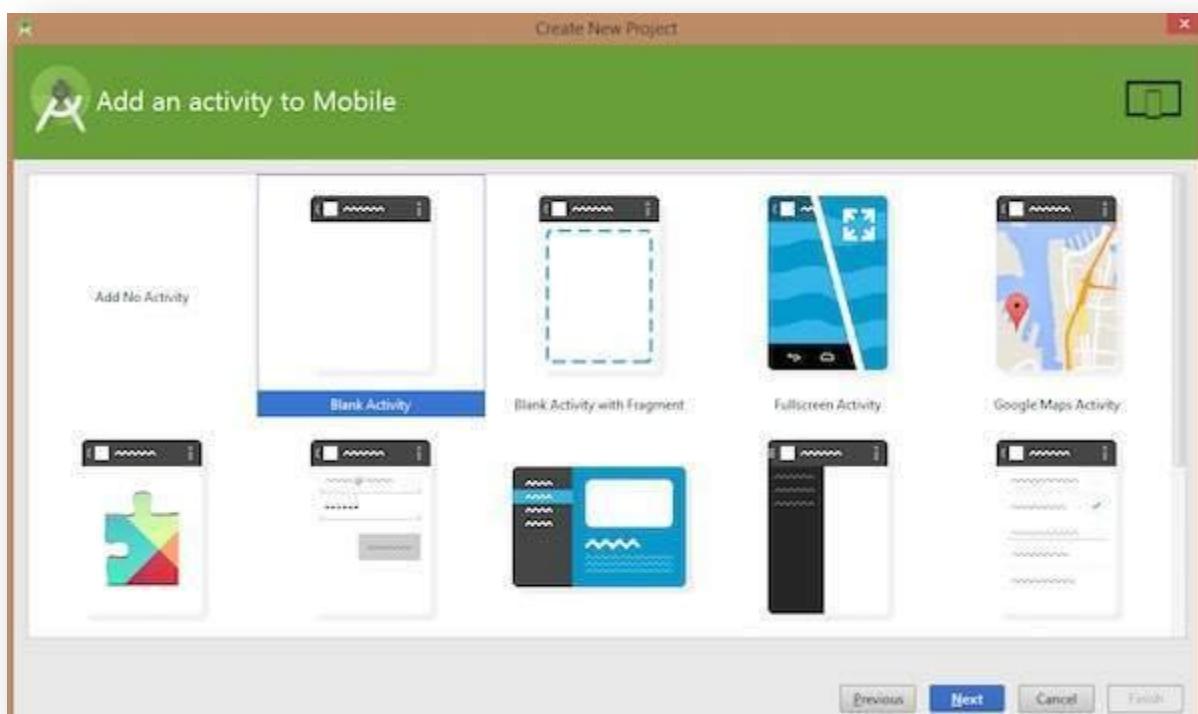
You can start your application development by calling start a new android studio project. in a new installation frame should ask Application name, package information and location of the project.–



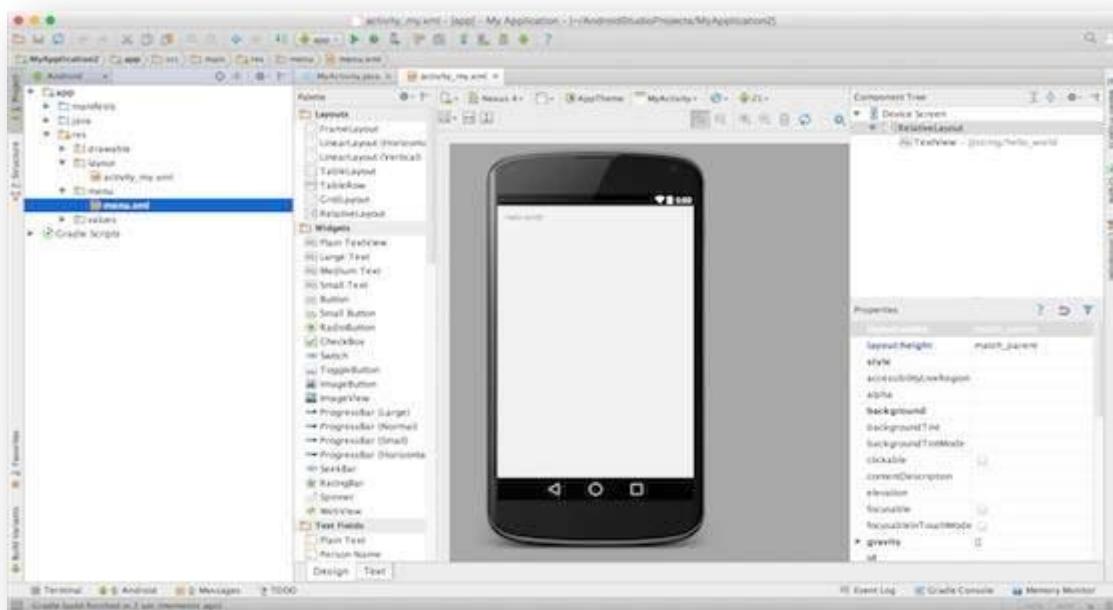
After entered application name.



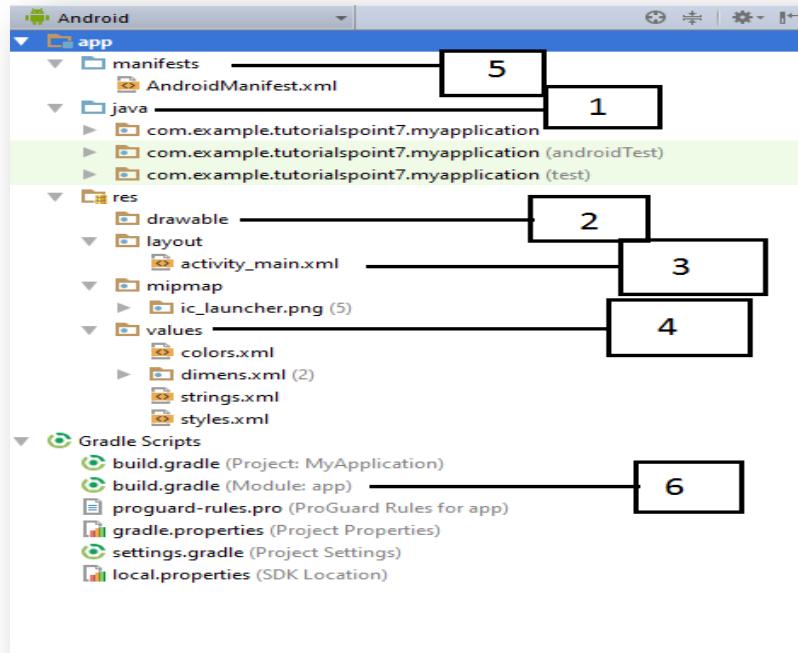
The next level of installation should contain selecting the activity to mobile, it specifies the default layout for Applications.



At the final stage it going to be open development tool to write the application code.



Anatomy of Android Application



The Main Activity File

The main activity code is a Java file **MainActivity.java**. This is the actual application file which ultimately gets converted to a Dalvik executable and runs your application

```
package com.example.helloworld;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

    }
}
```

Here, R.layout.activity_main refers to the activity_main.xml file located in the res/layout folder. The onCreate() method is one of many methods that are figured when an activity is loaded.

The Manifest File

Whatever component you develop as a part of your application, you must declare all its components in a manifest.xml which resides at the root of the application project directory. This file works as an interface between Android OS and your application, so if you do not declare your component in this file, then it will not be considered by the OS. For example, a default manifest file will look like as following file –

```
<?xml version="1.0" encoding="utf-8"?>

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

    package="com.example.helloworld">

    <application

        android:allowBackup="true"

        android:icon="@mipmap/ic_launcher"

        android:label="@string/app_name"

        android:supportsRtl="true"

        android:theme="@style/AppTheme">

        <activity android:name=".MainActivity">

            <intent-filter>

                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />

            </intent-filter>

        </activity>

    </application>

</manifest>
```

Here <application>...</application> tags enclosed the components related to the application. Attribute android:icon will point to the application icon available under res/drawable-hdpi. The application uses the image named ic_launcher.png located in the drawable folders

The <activity> tag is used to specify an activity and android:name attribute specifies the fully qualified class name of the Activity subclass and the android:label attribute specifies a string to use as the label for the activity. You can specify multiple activities using <activity> tags.

The **action** for the intent filter is named android.intent.action.MAIN to indicate that this activity serves as the entry point for the application. The **category** for the intent-filter is named android.intent.category.LAUNCHER to indicate that the application can be launched from the device's launcher icon. The @string refers to the strings.xml file explained below.

Hence, @string/app_name refers to the app_name string defined in the strings.xml file, which is "HelloWorld". Similar way, other strings get populated in the application.

Following is the list of tags which you will use in your manifest file to specify different Android application components –

<activity> elements for activities

<service> elements for services

<receiver> elements for broadcast receivers

<provider> elements for content providers

The Strings File

The **strings.xml** file is located in the res/values folder and it contains all the text that your application uses. For example, the names of buttons, labels, default text, and similar types of strings go into this file. This file is responsible for their textual content. For example, a default *strings file will look like as following file* –

```
<resources>

    <string name="app_name">HelloWorld</string>

    <string name="hello_world">Hello world!</string>

    <string name="menu_settings">Settings</string>

    <string name="title_activity_main">MainActivity</string>

</resources>
```

The Layout File

The **activity_main.xml** is a layout file available in res/layout directory, that is referenced by your application when building its interface. You will modify this file very frequently to change the layout of your application. For your "Hello World!" application, this file will have following content related to default layout –

```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent" >

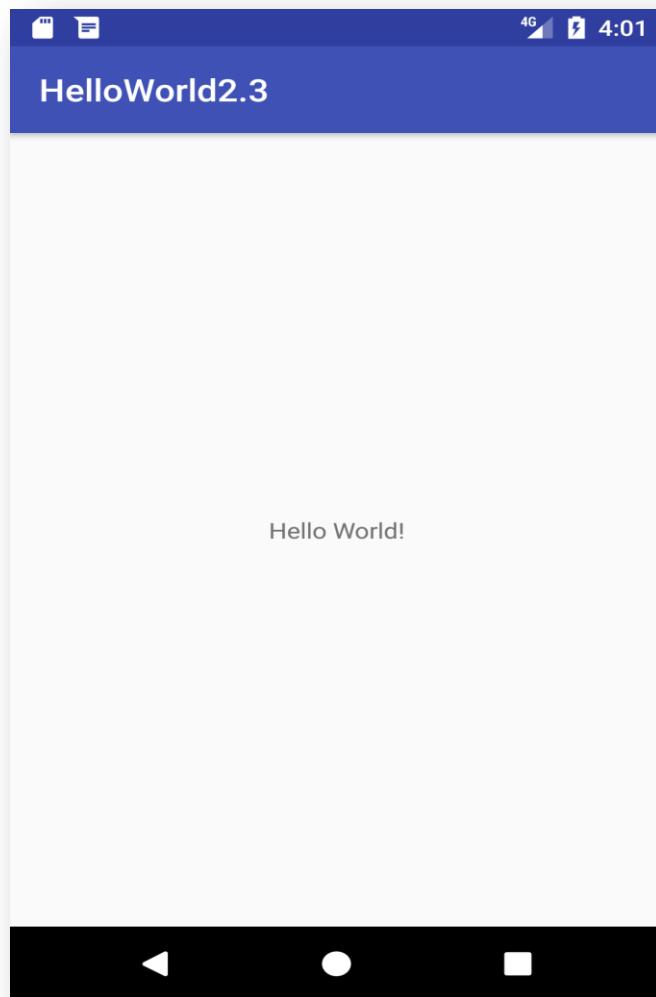
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true"
        android:padding="@dimen/padding_medium"
        android:text="@string/hello_world"
        tools:context=".MainActivity" />

</RelativeLayout>
```

This is an example of simple RelativeLayout which we will study in a separate chapter. The TextView is an Android control used to build the GUI and it have various attributes like android:layout_width, android:layout_height etc which are being used to set its width and height etc.. The @string refers to the strings.xml file located in the res/values folder. Hence, @string/hello_world refers to the hello string defined in the strings.xml file, which is "Hello World!".

Running the Application

Let's try to run our **Hello World!** application we just created. I assume you had created your **AVD** while doing environment set-up. To run the app from Android studio, open one of your project's activity files and click Run icon from the tool bar. Android studio installs the app on your AVD and starts it and if everything is fine with your set-up and application, it will display following Emulator window –



Working with Button

(Addition of two numbers on click)

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>

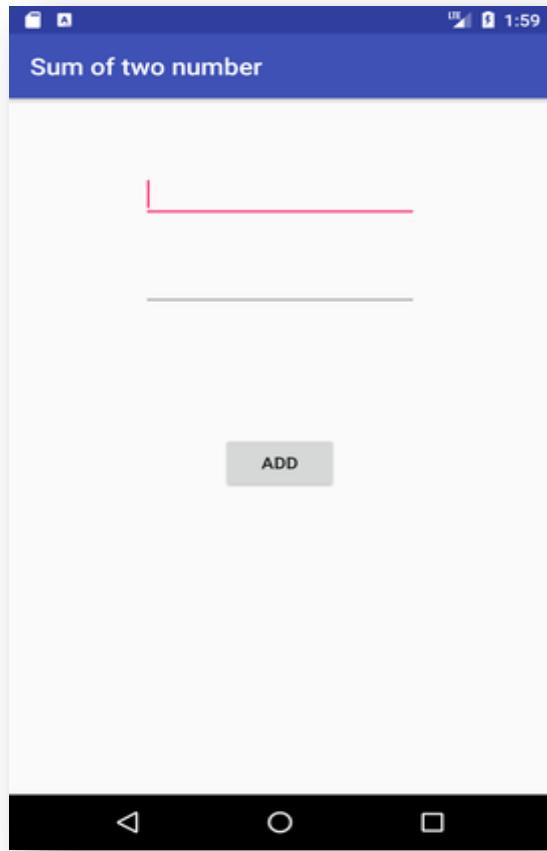
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="example.arif.com.sumoftwonumber.MainActivity">

    <EditText
        android:id="@+id/editText1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="61dp"
        android:ems="10"
        android:inputType="number"
        tools:layout_editor_absoluteX="84dp"
        tools:layout_editor_absoluteY="53dp" />
```

```
<EditText  
    android:id="@+id/editText2"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_below="@+id/editText1"  
    android:layout_centerHorizontal="true"  
    android:layout_marginTop="32dp"  
    android:ems="10"  
    android:inputType="number"  
    tools:layout_editor_absoluteX="84dp"  
    tools:layout_editor_absoluteY="127dp" />
```

```
<Button  
    android:id="@+id/button"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_below="@+id/editText2"  
    android:layout_centerHorizontal="true"  
    android:layout_marginTop="109dp"  
    android:text="ADD"  
    tools:layout_editor_absoluteX="148dp"  
    tools:layout_editor_absoluteY="266dp" />  
</RelativeLayout>
```

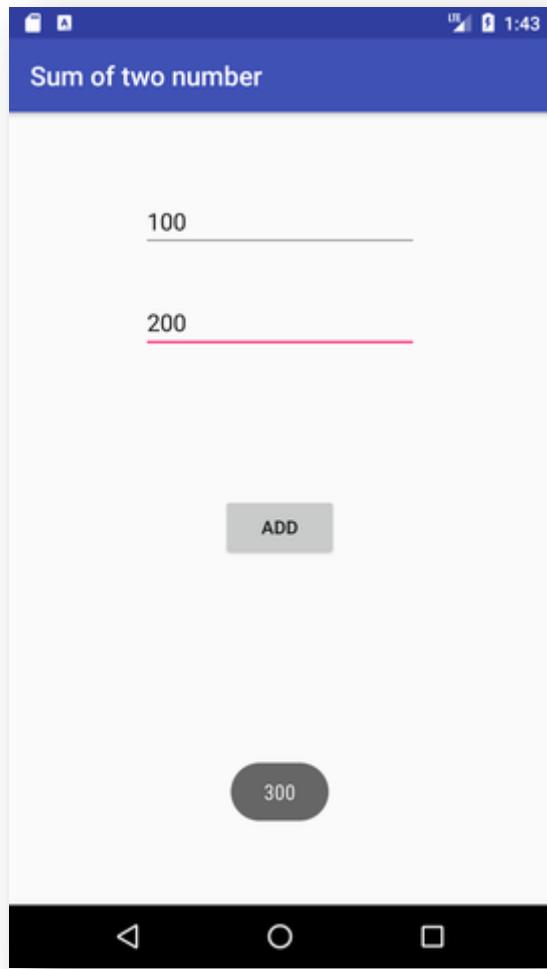


MainActivity.java

```
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.widget.Button;  
  
import android.widget.EditText;  
  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
    private EditText edittext1, edittext2;  
  
    private Button buttonSum;
```

```
@Override  
  
protected void onCreate(Bundle savedInstanceState) {  
  
    super.onCreate(savedInstanceState);  
  
    setContentView(R.layout.activity_main);  
  
    addListenerOnButton();  
  
}  
  
public void addListenerOnButton() {  
  
    edittext1 = (EditText) findViewById(R.id.editText1);  
  
    edittext2 = (EditText) findViewById(R.id.editText2);  
  
    buttonSum = (Button) findViewById(R.id.button);  
  
    buttonSum.setOnClickListener(new View.OnClickListener() {  
  
        @Override  
  
        public void onClick(View view) {  
  
            String value1=edittext1.getText().toString();  
  
            String value2=edittext2.getText().toString();  
  
            int a=Integer.parseInt(value1);  
  
            int b=Integer.parseInt(value2);  
  
            int sum=a+b;  
  
            Toast.makeText(getApplicationContext(),String.valueOf(sum),Toast.LENGTH_LONG).show();  
  
        }  
  
    });  
  
}
```

Output

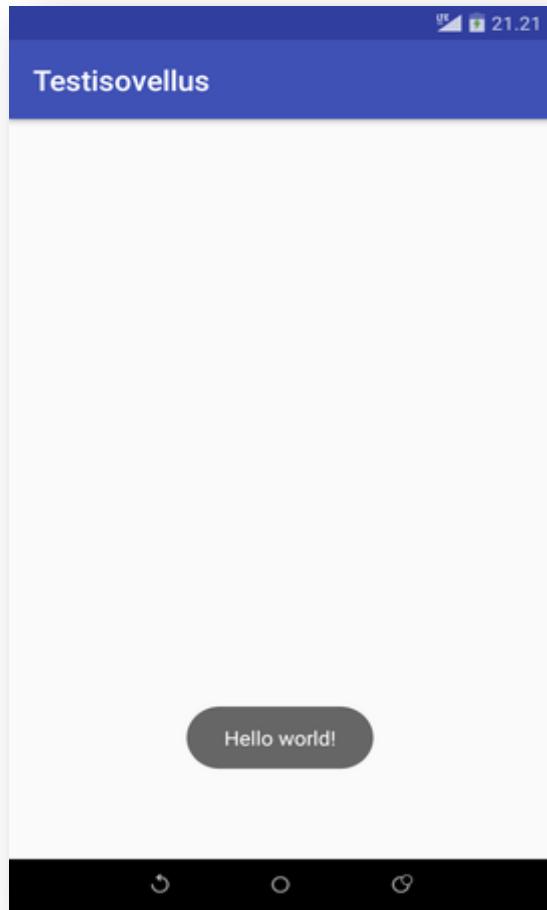


Toast Class

Toast class is used to show notification for a particular interval of time. After sometime it disappears. It doesn't block the user interaction.

MainActivity.java

```
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        //Displaying Toast with Hello Arif message  
  
        Toast.makeText(getApplicationContext(),"Hello Arif",Toast.LENGTH_SHORT).show();  
  
    }  
  
}
```



CheckBox

activity_main.xml file

```
<?xml version="1.0" encoding="utf-8"?>  
  
<android.support.constraint.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="example.arif.com.checkbox.MainActivity">
```

```
<CheckBox  
    android:id="@+id/checkBox"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_marginLeft="144dp"  
    android:layout_marginTop="68dp"  
    android:text="Pizza"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent" />
```

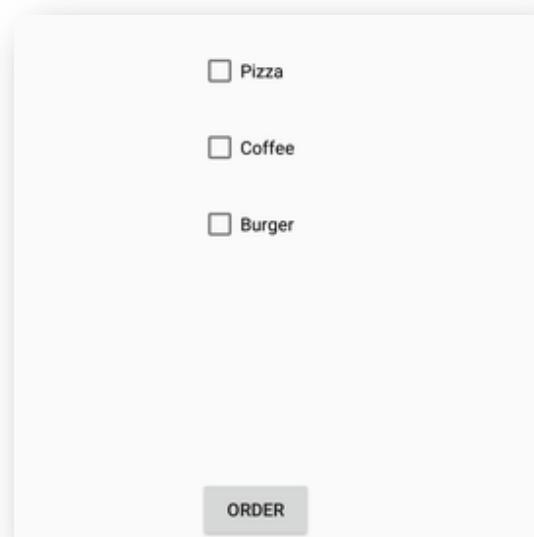
```
<CheckBox
```

```
    android:id="@+id/checkBox2"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_marginLeft="144dp"  
    android:layout_marginTop="28dp"  
    android:text="Coffee"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toBottomOf="@+id/checkBox" />
```

```
<CheckBox
```

```
    android:id="@+id/checkBox3"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"
```

```
    android:layout_marginLeft="144dp"
        android:layout_marginTop="28dp"
        android:text="Burger"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/checkBox2" />
<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="144dp"
    android:layout_marginTop="184dp"
    android:text="Order"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/checkBox3" />
</android.support.constraint.ConstraintLayout>
```

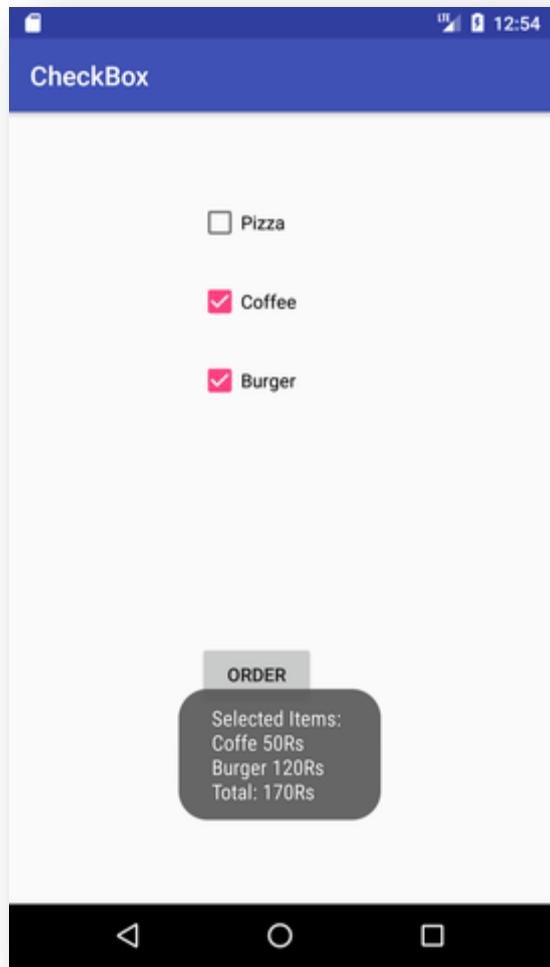


MainActivity.java file

```
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.widget.Button;  
  
import android.widget.CheckBox;  
  
import android.widget.Toast;  
  
  
public class MainActivity extends AppCompatActivity {  
  
    CheckBox pizza,coffe,burger;  
  
    Button buttonOrder;  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        addListenerOnButtonClick();  
  
    }  
  
    public void addListenerOnButtonClick(){  
  
        //Getting instance of CheckBoxes and Button from the activity_main.xml file  
        pizza=(CheckBox)findViewById(R.id.checkBox);  
        coffe=(CheckBox)findViewById(R.id.checkBox2);  
        burger=(CheckBox)findViewById(R.id.checkBox3);  
        buttonOrder=(Button)findViewById(R.id.button);  
    }  
}
```

```
buttonOrder.setOnClickListener(new View.OnClickListener(){

    @Override
    public void onClick(View view) {
        int totalamount=0;
        StringBuilder result=new StringBuilder();
        result.append("Selected Items:");
        if(pizza.isChecked()){
            result.append("\nPizza 100Rs");
            totalamount+=100;
        }
        if(coffe.isChecked()){
            result.append("\nCoffe 50Rs");
            totalamount+=50;
        }
        if(burger.isChecked()){
            result.append("\nBurger 120Rs");
            totalamount+=120;
        }
        result.append("\nTotal: "+totalamount+"Rs");
        Toast.makeText(getApplicationContext(), result.toString(), Toast.LENGTH_LONG).show();
    }
}); })}
```



RadioButton

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>

<LinearLayout

    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context="example.arif.com.radiobutton.MainActivity">

    <TextView

        android:id="@+id/textView1"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="30dp"
        android:gravity="center_horizontal"
        android:textSize="22dp"
        android:text="Single Radio Buttons" />

    <RadioButton

        android:id="@+id/radioButton1"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center_horizontal"
```

```
    android:text="Radio Button 1"  
    android:layout_marginTop="20dp"  
    android:textSize="20dp" />  
  
<RadioButton  
  
    android:id="@+id/radioButton2"  
    android:layout_width="fill_parent"  
    android:layout_height="wrap_content"  
    android:text="Radio Button 2"  
    android:layout_marginTop="10dp"  
    android:textSize="20dp" />  
  
<View  
  
    android:layout_width="fill_parent"  
    android:layout_height="1dp"  
    android:layout_marginTop="20dp"  
    android:background="#B8B894" />  
  
<TextView  
  
    android:id="@+id/textView2"  
    android:layout_width="fill_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="30dp"  
    android:gravity="center_horizontal"  
    android:textSize="22dp"  
    android:text="Radio button inside RadioGroup" />  
  
<RadioGroup  
  
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"

    android:id="@+id/radioGroup">

<RadioButton

    android:id="@+id/radioMale"

    android:layout_width="fill_parent"

    android:layout_height="wrap_content"

    android:text=" Male"

    android:layout_marginTop="10dp"

    android:checked="false"

    android:textSize="20dp" />

<RadioButton    android:id="@+id/radioFemale"

    android:layout_width="fill_parent"

    android:layout_height="wrap_content"

    android:text=" Female"

    android:layout_marginTop="20dp"

    android:checked="false"

    android:textSize="20dp" />

</RadioGroup>

<Button

    android:layout_width="wrap_content"

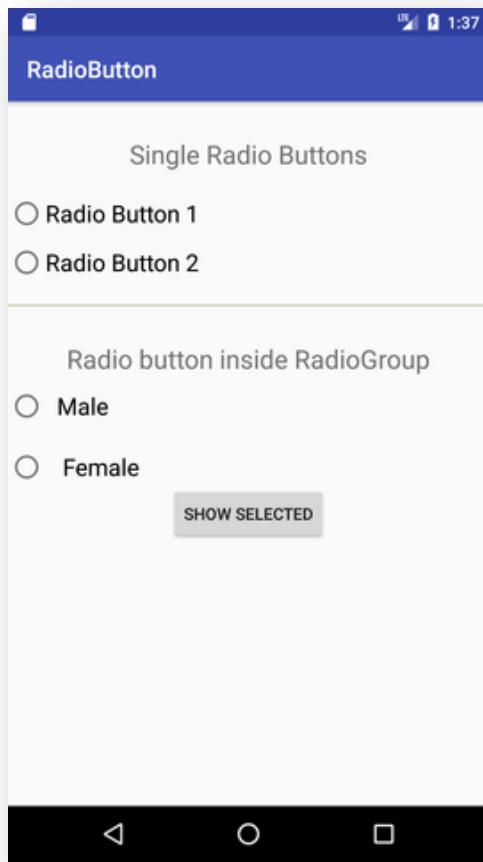
    android:layout_height="wrap_content"

    android:text="Show Selected"

    android:id="@+id/button"

    android:onClick="onclickbuttonMethod"

    android:layout_gravity="center_horizontal" />  </LinearLayout>
```



MainActivity.java

```
import android.support.v7.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 {

    Button button;

    RadioButton genderRadioButton;

    RadioGroup radioGroup;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        radioGroup=(RadioGroup)findViewById(R.id.radioGroup);

    }

    public void onclickbuttonMethod(View v){

        int selectedId = radioGroup.getCheckedRadioButtonId();

        genderRadioButton = (RadioButton)findViewById(selectedId);

        if(selectedId== -1){

            Toast.makeText(MainActivity.this,"Nothing selected", Toast.LENGTH_SHORT).show();

        }

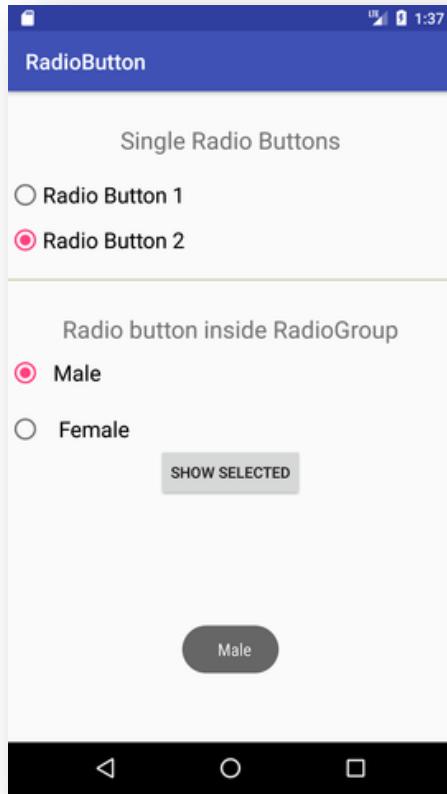
        else{

            Toast.makeText(MainActivity.this,genderRadioButton.getText(), Toast.LENGTH_SHORT).show();

        }

    }

}
```



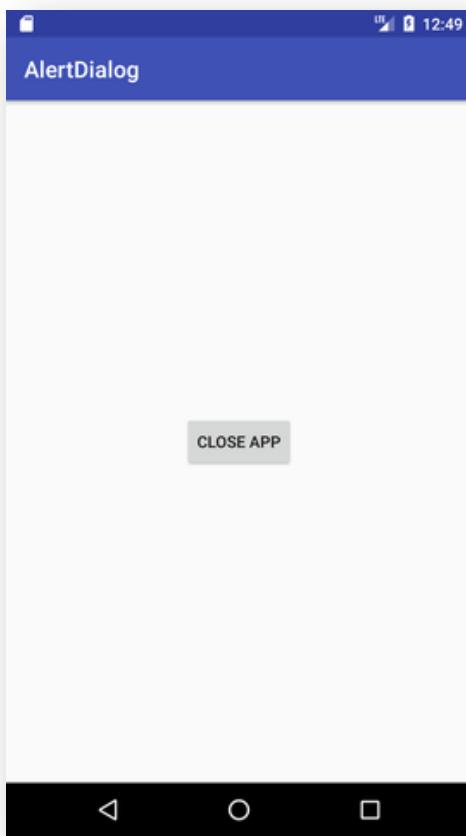
AlertDialog

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>

<android.support.constraint.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="example.arif.com.alertdialog.MainActivity">
```

```
<Button  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:id="@+id/button"  
    android:text="Close app"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintLeft_toLeftOf="parent"  
    app:layout_constraintRight_toRightOf="parent"  
    app:layout_constraintTop_toTopOf="parent" />  
  
</android.support.constraint.ConstraintLayout>
```



MainActivity.java

```
import android.content.DialogInterface;  
  
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.widget.Button;  
  
import android.app.AlertDialog;  
  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
    Button closeButton;  
  
    AlertDialog.Builder builder;  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        closeButton = (Button) findViewById(R.id.button);  
  
        builder = new AlertDialog.Builder(this);  
  
        closeButton.setOnClickListener(new View.OnClickListener() {  
  
            @Override  
  
            public void onClick(View v) {  
  
                builder.setMessage(R.string.dialog_message).setTitle(R.string.dialog_title);  
  
                builder.setMessage("Do you want to close this application ?")  
  
                .setCancelable(false)
```

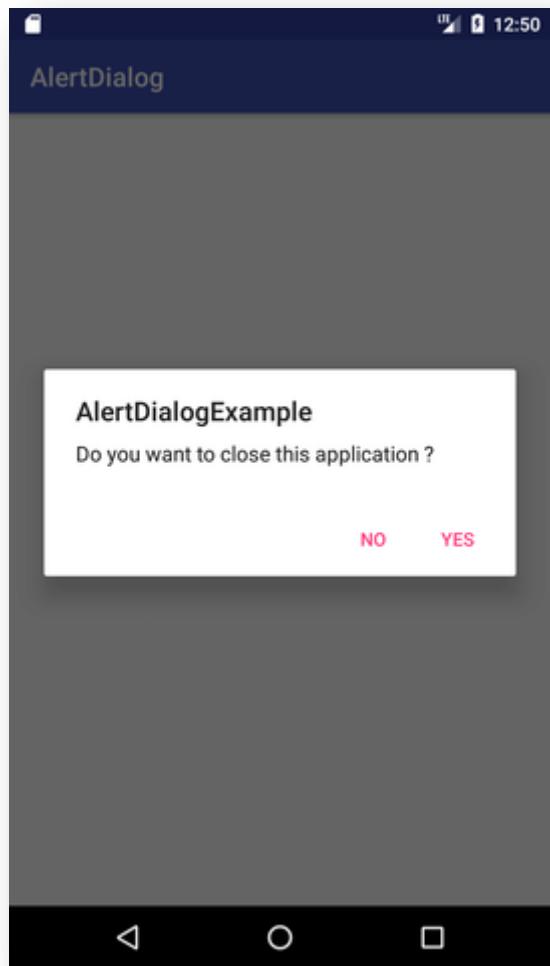
```
.setPositiveButton("Yes", new DialogInterface.OnClickListener() {
    public void onClick(DialogInterface dialog, int id) {
        finish();
        Toast.makeText(getApplicationContext(),"you choose yes action for alertbox",
        Toast.LENGTH_SHORT).show();
    }
});

.setNegativeButton("No", new DialogInterface.OnClickListener() {
    public void onClick(DialogInterface dialog, int id) {
        // Action for 'NO' Button
        dialog.cancel();
        Toast.makeText(getApplicationContext(),"you choose no action for alertbo
x",
        Toast.LENGTH_SHORT).show();
    }
);

//Creating dialog box
AlertDialog alert = builder.create();

//Setting the title manually
alert.setTitle("AlertDialogExample");
alert.show();
}

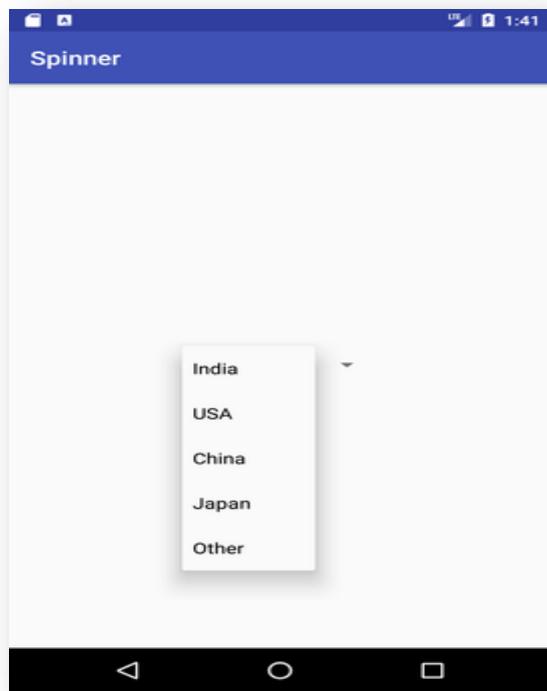
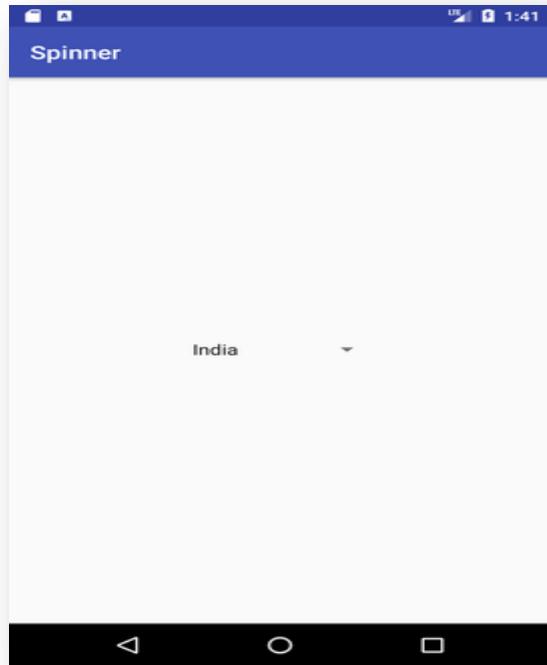
});  } }
```



Spinner

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>  
  
<android.support.constraint.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="example.arif.com.spinner.MainActivity">  
  
    <Spinner  
        android:id="@+id/spinner"  
        android:layout_width="149dp"  
        android:layout_height="40dp"  
        android:layout_marginBottom="8dp"  
        android:layout_marginEnd="8dp"  
        android:layout_marginStart="8dp"  
        android:layout_marginTop="8dp"  
        app:layout_constraintBottom_toBottomOf="parent"  
        app:layout_constraintEnd_toEndOf="parent"  
        app:layout_constraintHorizontal_bias="0.502"  
        app:layout_constraintStart_toStartOf="parent"  
        app:layout_constraintTop_toTopOf="parent"  
        app:layout_constraintVertical_bias="0.498" />  
    </android.support.constraint.ConstraintLayout>
```



MainActivity.java

```
import android.support.v7.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 implements  
    AdapterView.OnItemSelectedListener {  
  
    String[] country = { "India", "USA", "China", "Japan", "Other" };  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        //Getting the instance of Spinner and applying OnItemSelectedListener on it  
  
        Spinner spin = (Spinner) findViewById(R.id.spinner);  
  
        spin.setOnItemSelectedListener(this);  
  
        //Creating the ArrayAdapter instance having the country list  
  
        ArrayAdapter aa = new ArrayAdapter(this, android.R.layout.simple_spinner_item, country);  
        aa.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);  
  
        //Setting the ArrayAdapter data on the Spinner  
  
        spin.setAdapter(aa);  
    }  
}
```

```
//Performing action onItemSelected and onNothing selected

@Override

public void onItemSelected(AdapterView<?> arg0, View arg1, int position, long id) {

    Toast.makeText(getApplicationContext(),country[position] , Toast.LENGTH_LONG).show();

}

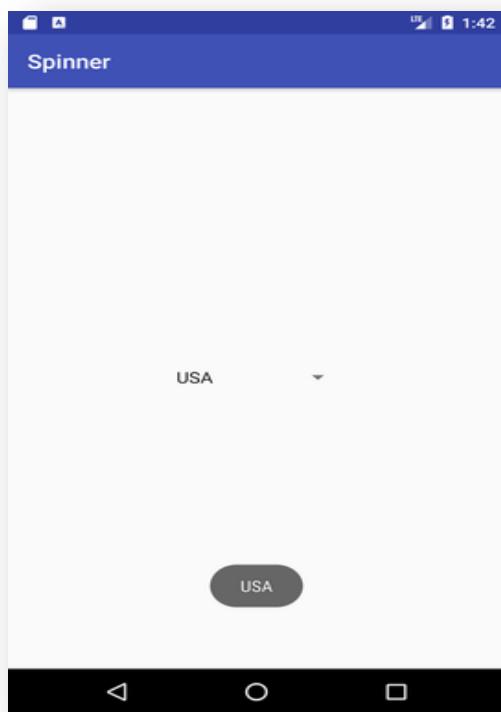
@Override

public void onNothingSelected(AdapterView<?> arg0) {

    // TODO Auto-generated method stub

}

}
```



AutoCompleteTextView

activity_main.xml

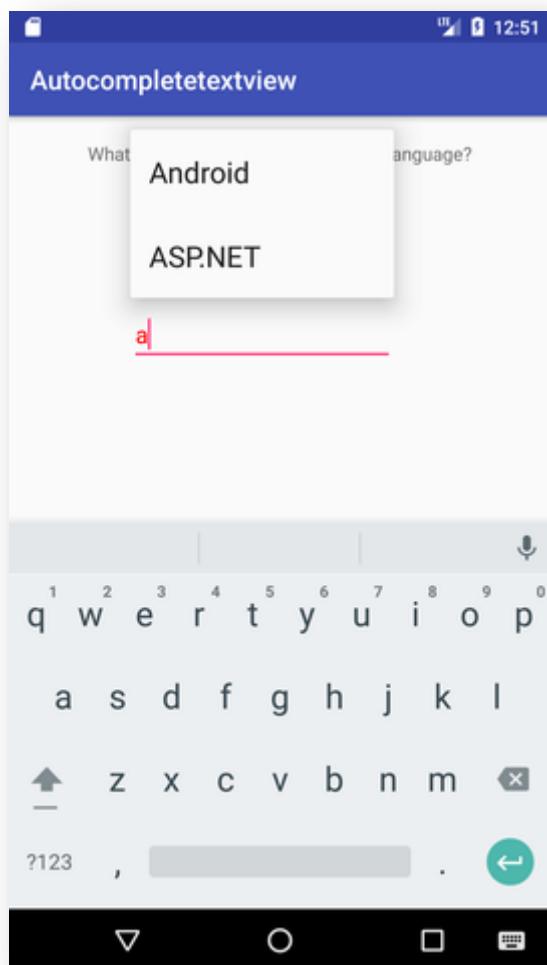
```
<?xml version="1.0" encoding="utf-8"?>

<android.support.constraint.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="example.arif.com.autocompletetextview.MainActivity">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="What is your favourite programming language?"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.032" />

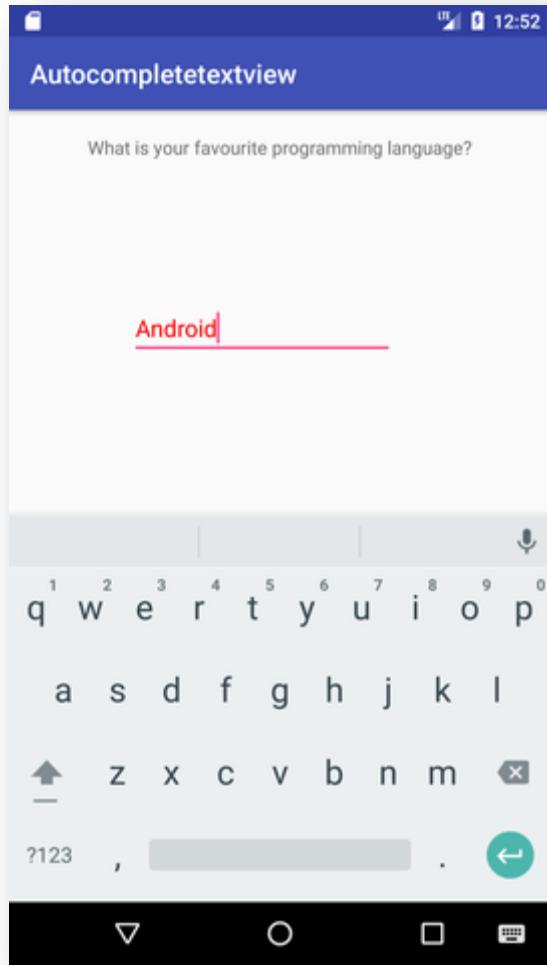
    <AutoCompleteTextView
        android:id="@+id/autoCompleteTextView"
        android:layout_width="200dp"
        android:layout_height="wrap_content"
        android:layout_marginLeft="92dp"
```

```
    android:layout_marginTop="144dp"  
    android:text=""  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent" />  
  
</android.support.constraint.ConstraintLayout>
```



MainActivity.java

```
import android.graphics.Color;  
  
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.widget.ArrayAdapter;  
  
import android.widget.AutoCompleteTextView;  
  
  
public class MainActivity extends AppCompatActivity {  
  
    String[] language = {"C", "C++", "Java", ".NET", "iPhone", "Android", "ASP.NET", "PHP"};  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        //Creating the instance of ArrayAdapter containing list of language names  
  
        ArrayAdapter<String> adapter = new ArrayAdapter<String>  
            (this, android.R.layout.select_dialog_item, language);  
  
        //Getting the instance of AutoCompleteTextView  
  
        AutoCompleteTextView actv = (AutoCompleteTextView) findViewById(R.id.autoCompleteTextView);  
  
        actv.setThreshold(1); //will start working from first character  
  
        actv.setAdapter(adapter); //setting the adapter data into the AutoCompleteTextView  
  
        actv.setTextColor(Color.RED);  
  
    }  
  
}
```



List View

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>

<android.support.constraint.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="listview.example.com.listView.MainActivity">

<ListView

    android:id="@+id/listView"

    android:layout_width="match_parent"

    android:layout_height="fill_parent"

/>

</android.support.constraint.ConstraintLayout>
```

mylist.xml

```
<?xml version="1.0" encoding="utf-8"?>

<TextView xmlns:android="http://schemas.android.com/apk/res/android"

    android:id="@+id/textView"

    android:layout_width="wrap_content"

    android:layout_height="wrap_content"

    android:text="Medium Text"

    android:textStyle="bold"

    android:textAppearance="?android:attr/textAppearanceMedium"

    android:layout_marginLeft="10dp"

    android:layout_marginTop="5dp"

    android:padding="2dp"

    android:textColor="#4d4d4d"    />
```

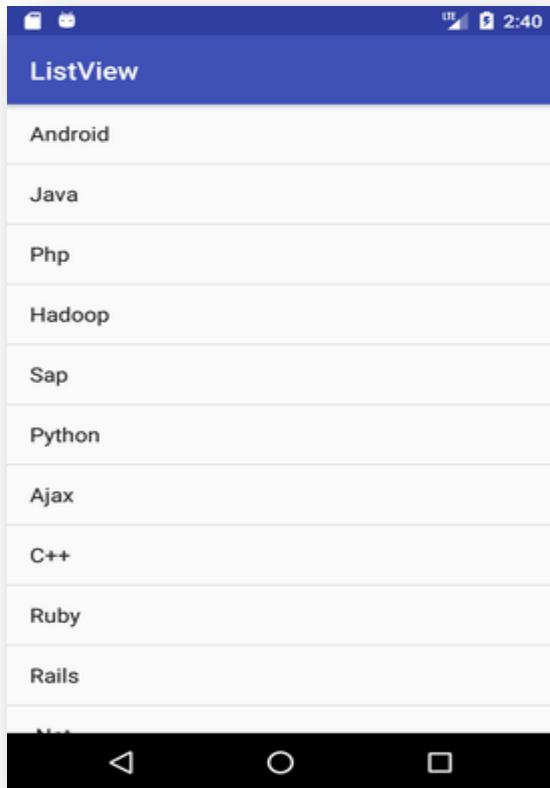
stringxml

```
. <resources>

    <string name="app_name">ListView</string>

    <string-array name="array_technology">
        <item>Android</item>
        <item>Java</item>
        <item>Php</item>
        <item>Hadoop</item>
        <item>Sap</item>
        <item>Python</item>
        <item>Ajax</item>
        <item>C++</item>
        <item>Ruby</item>
        <item>Rails</item>
        <item>.Net</item>
        <item>Perl</item>
    </string-array>

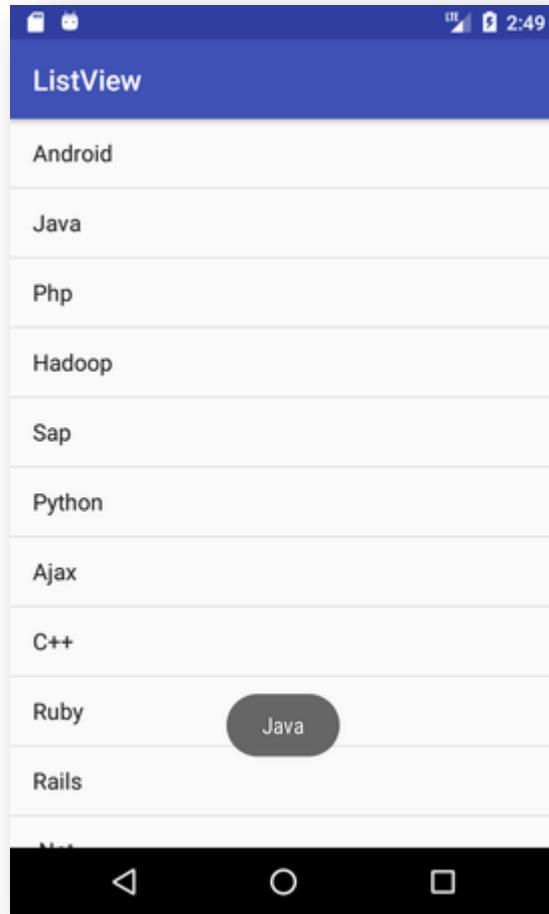
</resources>
```



MainActivity.java

```
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.widget.AdapterView;  
  
import android.widget.ArrayAdapter;  
  
import android.widget.ListView;  
  
import android.widget.TextView;  
  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
    ListView listView;
```

```
TextView textView;  
  
String[] listItem;  
  
@Override  
  
protected void onCreate(Bundle savedInstanceState) {  
  
    super.onCreate(savedInstanceState);  
  
    setContentView(R.layout.activity_main);  
  
    listView=(ListView)findViewById(R.id.listView);  
  
    textView=(TextView)findViewById(R.id.textView);  
  
    listItem = getResources().getStringArray(R.array.array_technology);  
  
    final ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,  
  
        android.R.layout.simple_list_item_1, android.R.id.text1, listItem);  
  
  
listView.setAdapter(adapter);  
  
listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
  
    @Override  
  
    public void onItemClick(AdapterView<?> adapterView, View view, int position, long l)  
    {  
  
        // TODO Auto-generated method stub  
  
        String value=adapter.getItem(position);  
  
        Toast.makeText(getApplicationContext(),value,Toast.LENGTH_SHORT).show();  
  
    }  
  
});  
  
}  
}
```



RatingBar

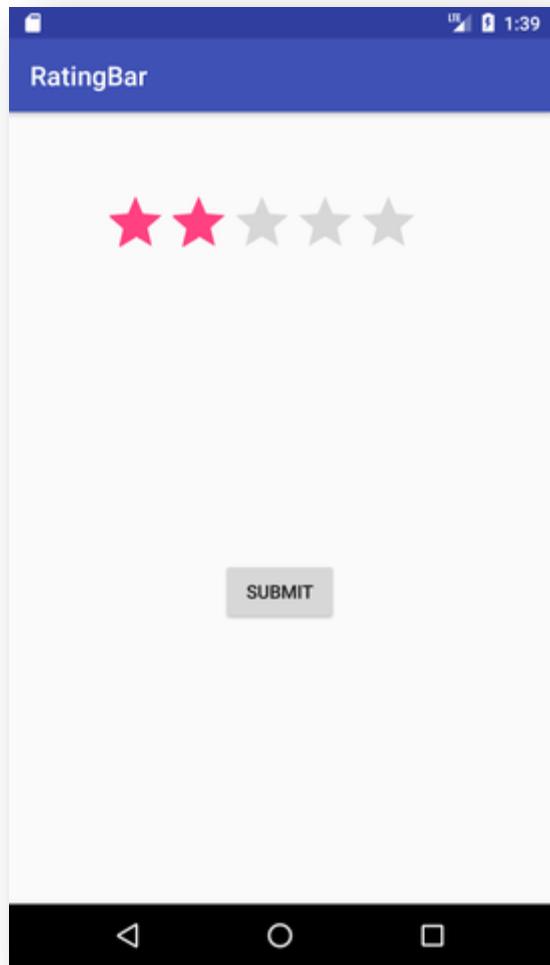
activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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="example.arif.com.ratingbar.MainActivity">
```

```
<Button  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:text="submit"  
    android:id="@+id/button"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintLeft_toLeftOf="parent"  
    app:layout_constraintRight_toRightOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.615" />
```

```
<RatingBar  
    android:id="@+id/ratingBar"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"
```

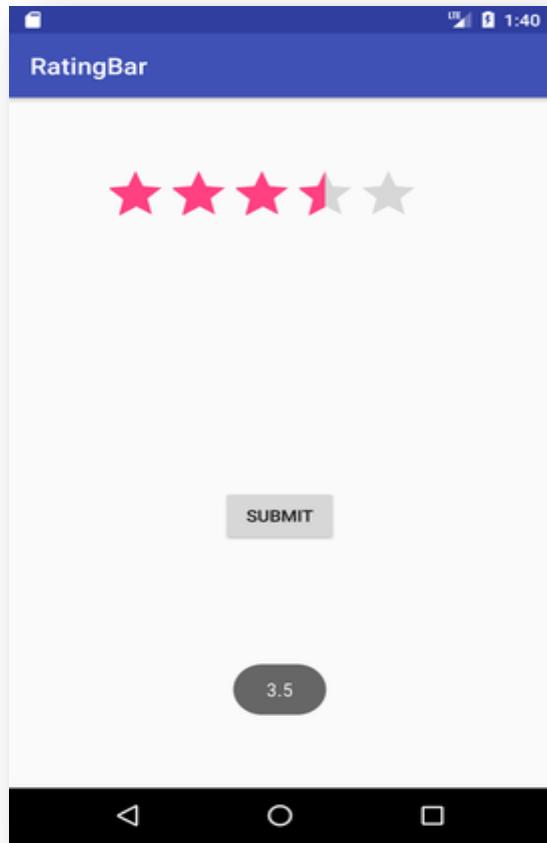
```
    android:layout_marginLeft="72dp"  
    android:layout_marginTop="60dp"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent" />  
</android.support.constraint.ConstraintLayout>
```



MainActivity.java

```
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.widget.Button;  
  
import android.widget.RatingBar;  
  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
    RatingBar ratingbar;  
  
    Button button;  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        addListenerOnButtonClick();  
  
    }  
  
    public void addListenerOnButtonClick(){  
  
        ratingbar=(RatingBar)findViewById(R.id.ratingBar);  
  
        button=(Button)findViewById(R.id.button);  
  
        //Performing action on Button Click  
  
        button.setOnClickListener(new View.OnClickListener(){  
  
            @Override  
  
            public void onClick(View arg0) {
```

```
//Getting the rating and displaying it on the toast  
  
String rating=String.valueOf(ratingbar.getRating());  
  
Toast.makeText(getApplicationContext(), rating, Toast.LENGTH_LONG).show();  
  
}  
  
});  
} }
```



WebView

ActivityManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    <uses-permission android:name="android.permission.INTERNET"/>
    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:supportsRtl="true"
        android:theme="@style/AppTheme.NoActionBar" >
        <activity android:name=".MainActivity" >
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:orientation="vertical" >

    <Button
        android:id="@+id/buttonUrl"
        android:layout_gravity="center"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="www.google.com" />

</LinearLayout>
```

web_view.xml

```
<?xml version="1.0" encoding="utf-8"?>

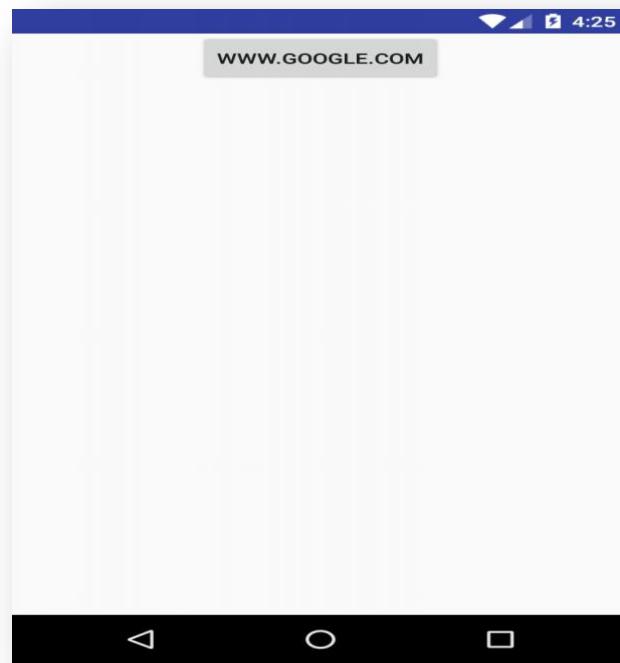
<WebView xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/webView"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    />
```

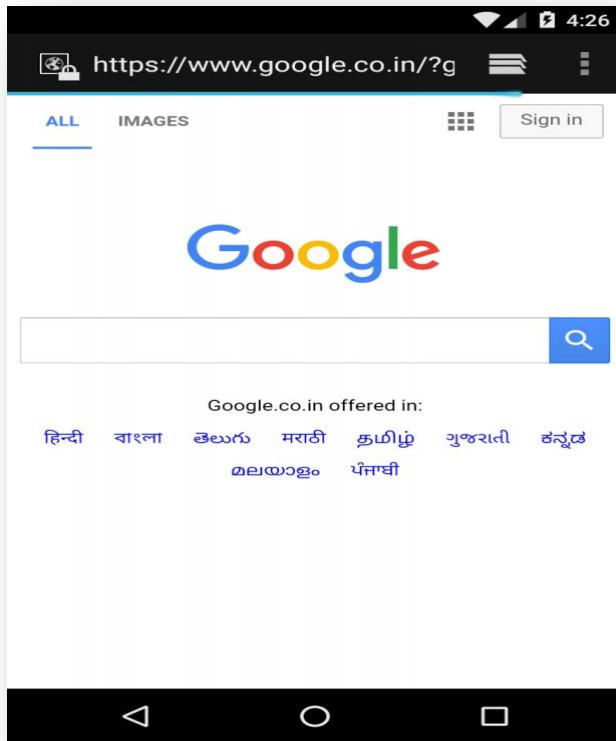
MainActivity.java

```
import android.app.Activity;  
  
import android.content.Context;  
  
import android.content.Intent;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.view.View.OnClickListener;  
  
import android.widget.Button;  
  
public class MainActivity extends Activity {  
  
    private Button button;  
  
    public void onCreate(Bundle savedInstanceState) {  
  
        final Context context = this;  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        button = (Button) findViewById(R.id.buttonUrl);  
  
        button.setOnClickListener(new OnClickListener() {  
  
            @Override  
  
            public void onClick(View arg0) {  
  
                Intent intent = new Intent(context, WebViewActivity.class);  
  
                startActivity(intent);  
  
            }  
  
        });  
  
    }  
}
```

Web_view.java

```
import android.app.Activity;  
import android.os.Bundle;  
import android.webkit.WebView;  
  
public class WebViewActivity extends Activity {  
  
    private WebView webView;  
  
    public void onCreate(Bundle savedInstanceState) {super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.web_view);  
  
        webView = (WebView)findViewById(R.id.webView);  
  
        webView.getSettings().setJavaScriptEnabled(true);  
  
        webView.loadUrl("https://www.google.com");  
  
    }  
}
```





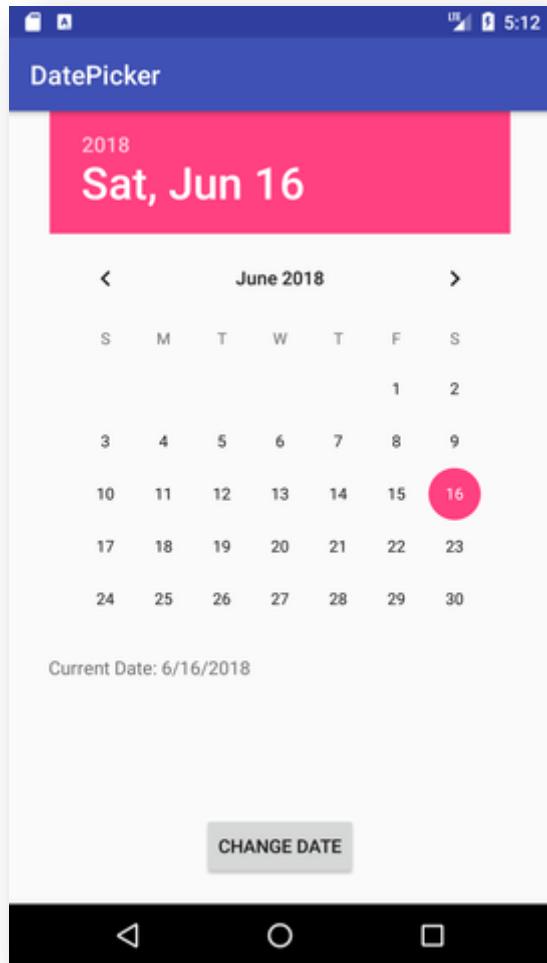
DatePicker

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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="example.arif.com.datepicker.MainActivity">
```

```
<TextView  
    android:id="@+id/textView1"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_above="@+id/button1"  
    android:layout_alignParentLeft="true"  
    android:layout_alignParentStart="true"  
    android:layout_marginBottom="102dp"  
    android:layout_marginLeft="30dp"  
    android:layout_marginStart="30dp"  
    android:text="" />  
  
<Button  
    android:id="@+id/button1"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignParentBottom="true"  
    android:layout_centerHorizontal="true"  
    android:layout_marginBottom="20dp"  
    android:text="Change Date" />  
  
<DatePicker  
    android:id="@+id/datePicker"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"
```

```
    android:layout_above="@+id/textView1"
    android:layout_centerHorizontal="true"
    android:layout_marginBottom="36dp" />
</RelativeLayout>
```



MainActivity.java

```
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.widget.Button;  
  
import android.widget.DatePicker;  
  
import android.widget.TextView;  
  
public class MainActivity extends AppCompatActivity {  
  
    DatePicker picker;  
  
    Button displayDate;  
  
    TextView textView1;  
  
    @Override    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        textView1=(TextView)findViewById(R.id.textView1);  
  
        picker=(DatePicker)findViewById(R.id.datePicker);  
  
        displayDate=(Button)findViewById(R.id.button1);  
  
        textView1.setText("Current Date: "+getCurrentDate());  
  
        displayDate.setOnClickListener(new View.OnClickListener(){  
  
            @Override  
  
            public void onClick(View view) {  
  
                textView1.setText("Change Date: "+getCurrentDate());  
  
            }  
  
        });  
    }  
}
```

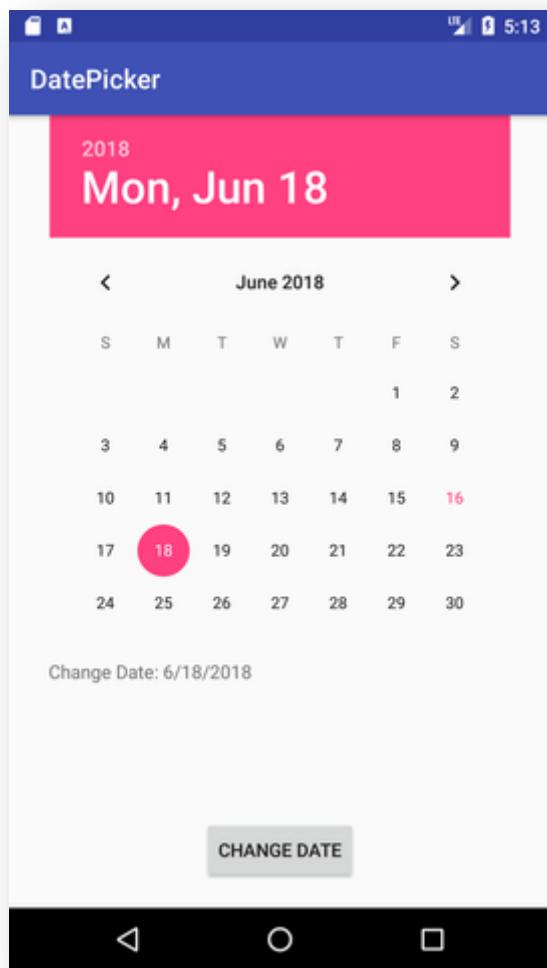
```
}

public String getCurrentDate(){

    StringBuilder builder=new StringBuilder();;

    builder.append((picker.getMonth() + 1)+"/");//month is 0 based
    builder.append(picker.getDayOfMonth()+"/");
    builder.append(picker.getYear()));

    return builder.toString();
}
```



TimePicker

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout 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"

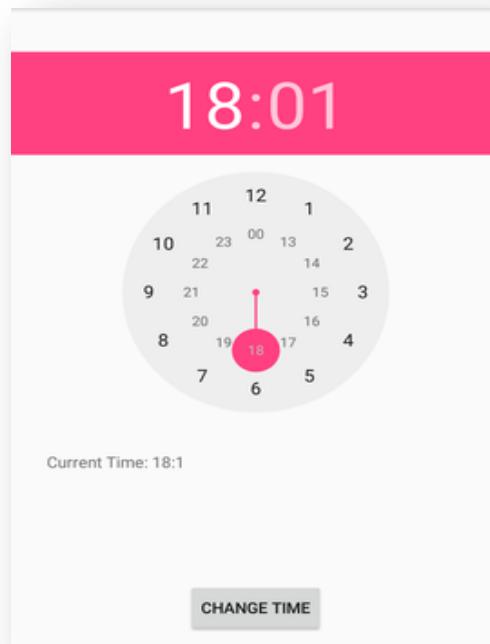
    tools:context="example.arif.com.timepicker.MainActivity">

    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_above="@+id/button1"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_marginBottom="102dp"
        android:layout_marginLeft="30dp"
        android:layout_marginStart="30dp"
        android:text="" />

    <Button
        android:id="@+id/button1"
        android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"  
    android:layout_alignParentBottom="true"  
    android:layout_centerHorizontal="true"  
    android:layout_marginBottom="20dp"  
    android:text="Change Time" />  
  
<TimePicker
```

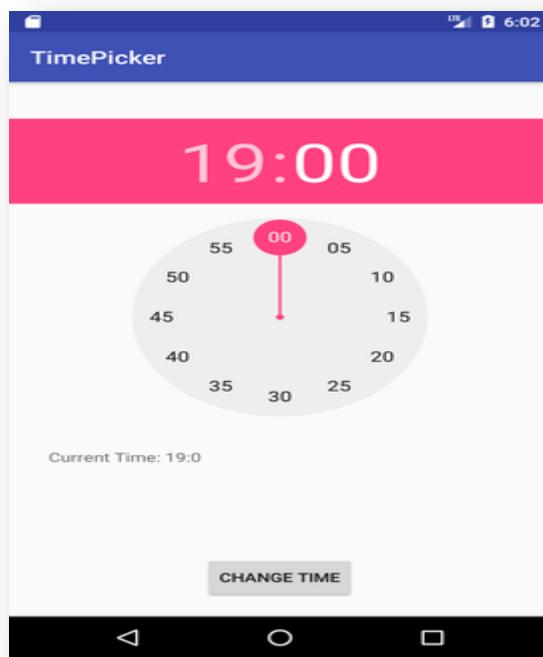
```
        android:id="@+id/timePicker"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:layout_above="@+id/textView1"  
        android:layout_centerHorizontal="true"  
        android:layout_marginBottom="36dp" />  
  
</RelativeLayout>
```



MainActivity.java

```
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.widget.Button;  
  
import android.widget.TextView;  
  
import android.widget.TimePicker;  
  
public class MainActivity extends AppCompatActivity {  
  
    TextView textview1;  
  
    TimePicker timepicker;  
  
    Button changetime;  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        textview1=(TextView)findViewById(R.id.textView1);  
  
        timepicker=(TimePicker)findViewById(R.id.timePicker);      timepicker.setIs24HourView(true);  
  
        changetime=(Button)findViewById(R.id.button1);  
  
        textview1.setText(getCurrentTime());  
  
        changetime.setOnClickListener(new View.OnClickListener(){  
  
            @Override  
  
            public void onClick(View view) {
```

```
    textView1.setText(getCurrentTime());  
}  
});  
}  
  
public String getCurrentTime(){  
    String currentTime="Current Time: "+timepicker.getCurrentHour()+":"+timepicker.getCurrentMinute()  
;  
    return currentTime;  
} }
```



Working With Intent

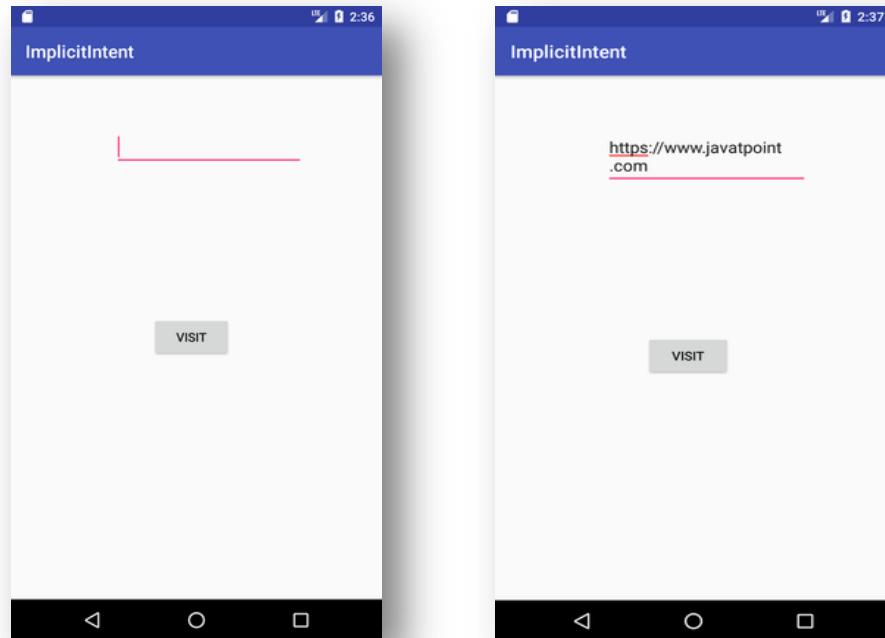
Types of Android Intents

1) Implicit Intent

activity_main.xml

```
<?xml version="1.0" encoding="utf-  
8"?> <android.support.constraint.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="example.arif.com.implicitintent.MainActivity">  
    <EditText android:id="@+id/editText"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        app:layout_constraintStart_toStartOf="parent"  
        app:layout_constraintTop_toTopOf="parent" />    <Button  
        android:id="@+id/button"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"
```

```
    android:layout_marginRight="8dp"
    android:layout_marginLeft="156dp"
    android:layout_marginTop="172dp"
    android:text="Visit"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/editText" />
</android.support.constraint.ConstraintLayout>
```



MainActivity.java

```
import android.content.Intent;  
import android.net.Uri;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;
```

```
public class MainActivity extends AppCompatActivity {  
  
    Button button;  
  
    EditText editText;  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_main);  
  
        button = findViewById(R.id.button);  
  
        editText = findViewById(R.id.editText);  
  
        button.setOnClickListener(new View.OnClickListener() {  
  
            @Override  
  
            public void onClick(View view) {  
  
                String url=editText.getText().toString();
```

```
Intent intent=new Intent(Intent.ACTION_VIEW, Uri.parse(url));  
startActivity(intent);  
}  
});  
}  
}
```



2) Android Explicit intent

```
<?xml version="1.0" encoding="utf-8"?>

<android.support.constraint.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="example.arif.com.explicitintent.FirstActivity">

    <TextView

        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:layout_marginEnd="8dp"

        android:layout_marginStart="8dp"

        android:layout_marginTop="8dp"

        android:text="First Activity"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintHorizontal_bias="0.454"

        app:layout_constraintLeft_toLeftOf="parent"

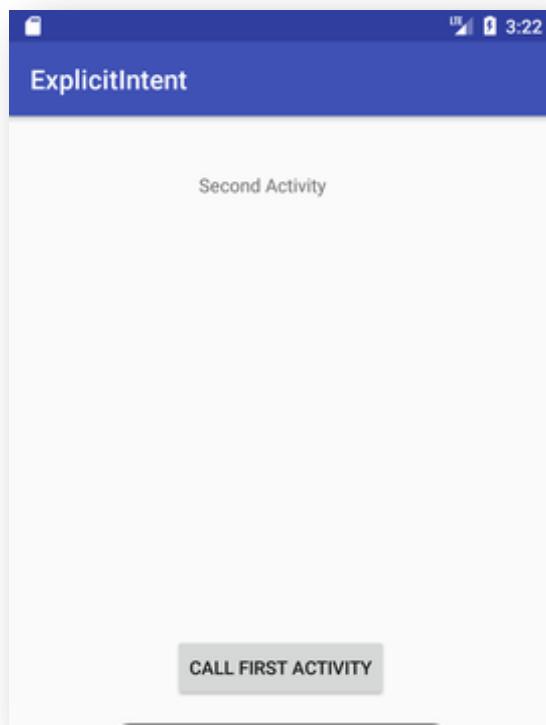
        app:layout_constraintRight_toRightOf="parent"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent"

        app:layout_constraintVertical_bias="0.06" />
```

```
<Button  
    android:id="@+id/button"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_marginEnd="8dp"  
    android:layout_marginStart="8dp"  
    android:layout_marginTop="392dp"  
    android:onClick="callSecondActivity"  
  
    android:text="Call second activity"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent" /> </android.support.constraint.ConstraintLayout>
```



MainActivityOne.java

```
import android.content.Intent;  
  
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
public class FirstActivity extends AppCompatActivity {  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_first);  
  
    }  
  
    public void callSecondActivity(View view){  
  
        Intent i = new Intent(getApplicationContext(), SecondActivity.class);  
  
        i.putExtra("Value1", "Android By Arif");  
  
        i.putExtra("Value2", "Simple Tutorial");  
  
        startActivity(i);  
  
    }  
}
```

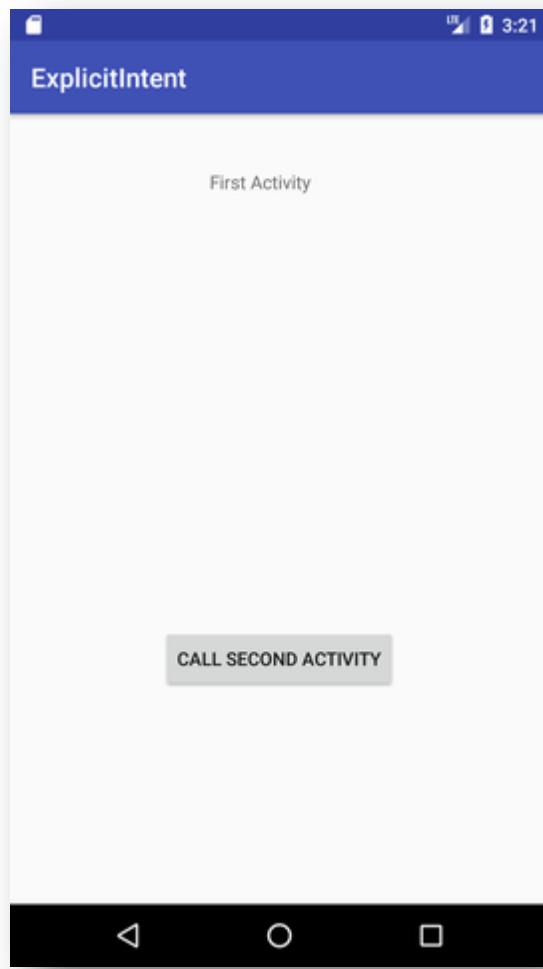
activitytwo_main.xml

```
<?xml version="1.0" encoding="utf-8"?>  
<android.support.constraint.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="example.arif.com.explicitintent.SecondActivity">  
  
    <TextView  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
  
        android:layout_marginEnd="8dp"  
        android:layout_marginStart="8dp"  
        android:layout_marginTop="8dp"  
        android:text="Second Activity"  
        app:layout_constraintBottom_toBottomOf="parent"  
        app:layout_constraintEnd_toEndOf="parent"  
        app:layout_constraintHorizontal_bias="0.454"  
        app:layout_constraintLeft_toLeftOf="parent"  
        app:layout_constraintRight_toRightOf="parent"  
        app:layout_constraintStart_toStartOf="parent"  
        app:layout_constraintTop_toTopOf="parent"
```

```
app:layout_constraintVertical_bias="0.06" />    <Button  
    android:id="@+id/button"        android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_marginEnd="8dp"  
    android:layout_marginStart="8dp"  
    android:onClick="callFirstActivity"  
    android:text="Call first activity"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent" />  
</android.support.constraint.ConstraintLayout>
```

MainActivity2.java

```
import android.content.Intent;  
  
import android.support.v7.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.view.View;  
  
import android.widget.Toast;  
  
public class SecondActivity extends AppCompatActivity {  
  
    @Override  
  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
  
        setContentView(R.layout.activity_second);  
  
        Bundle extras = getIntent().getExtras();  
  
        String value1 = extras.getString("Value1");  
  
        String value2 = extras.getString("Value2");  
  
        Toast.makeText(getApplicationContext(),"Values are:\nFirst value: "+value1+  
                "\nSecond Value: "+value2, Toast.LENGTH_LONG).show();  
    }  
  
    public void callFirstActivity(View view){  
  
        Intent i = new Intent(getApplicationContext(), FirstActivity.class);  
  
        startActivity(i);  
    } }
```



Hide Title bar and FullScreen

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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="first.javatpoint.com.hidetitlebar.MainActivity">

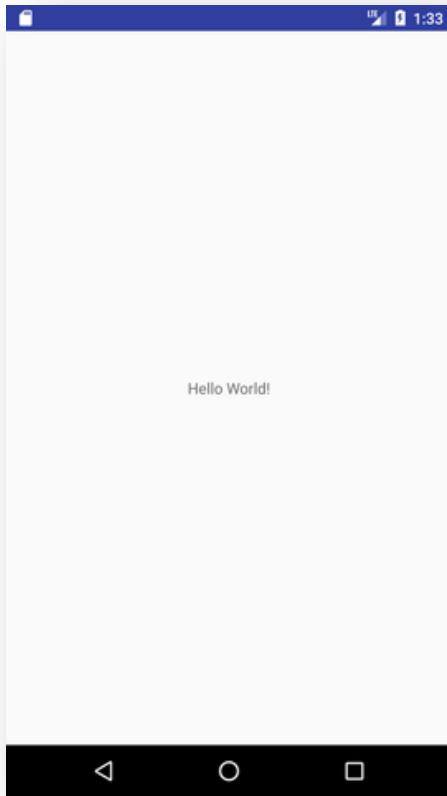
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Hello World!"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</android.support.constraint.ConstraintLayout>
```

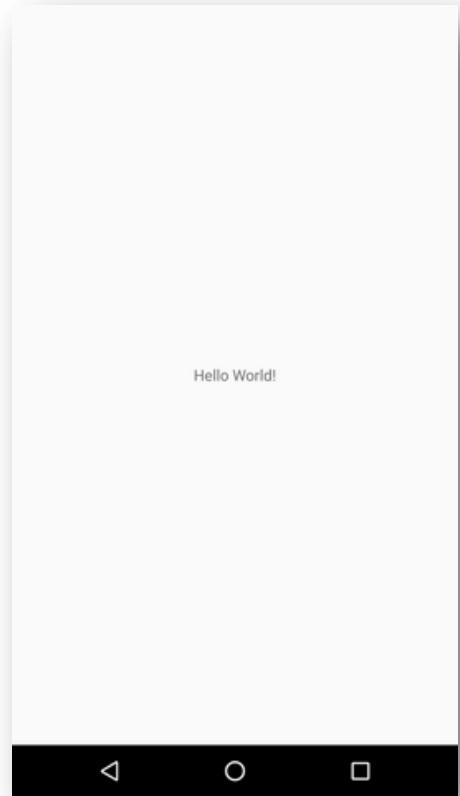
MainActivity.java

```
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.Window;
import android.view.WindowManager;

public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        requestWindowFeature(Window.FEATURE_NO_TITLE); //will hide the title
        getSupportActionBar().hide(); // hide the title bar
        this.getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,
                WindowManager.LayoutParams.FLAG_FULLSCREEN); //enable full screen
        setContentView(R.layout.activity_main);
    }
}
```



(Hiding title only)



(Fullscreeen)

Project (Yaari Dostea Cafe)

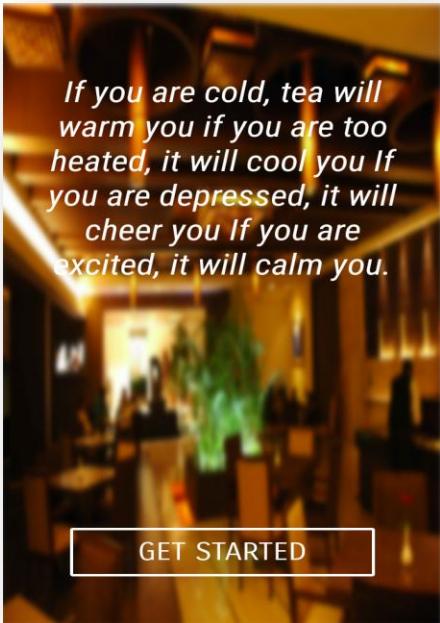
People love to eat out. In fact, it seems there's a different café or restaurant on just about every block these days. But I chose this subject, because I also love to enjoy café items. So first we have better understand the reality because it's exciting and it also takes a lot of hard work. We have to understand, what this all about before making an application like this.



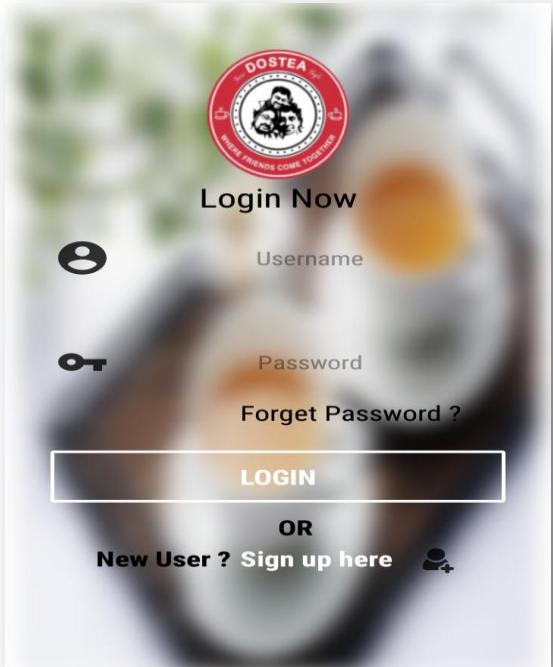
"This application is made for ordering online beverages like tea, coffee, cookies, ice creams etc. It contains all the information regarding the items that is to be ordered and is totally secured. I made this application as I'm also fond of ordering snacks etc from online and enjoy at low prices that is the beneficial for everyone. This application is very easy to understand and can be used by everyone even technical one or not."

Getting started with the app

First open the app (Splash Screen)

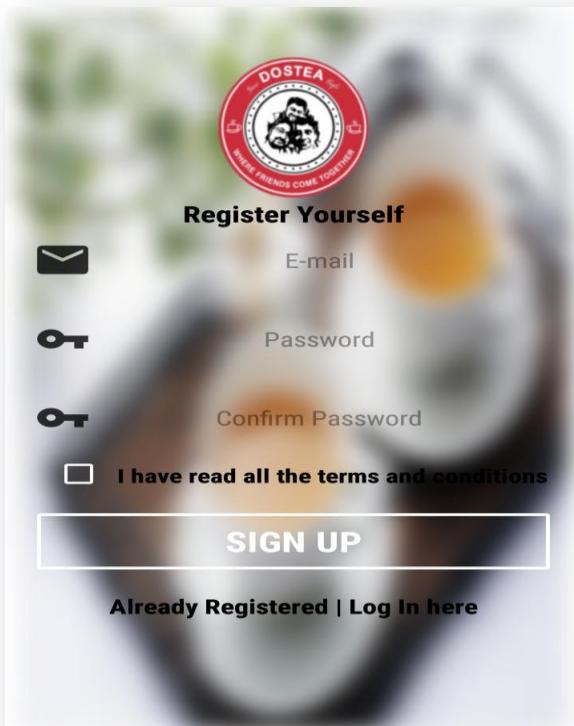


The Welcome Page, Click on the Button to get start with the application



***Login page (don't have a account
create one)***

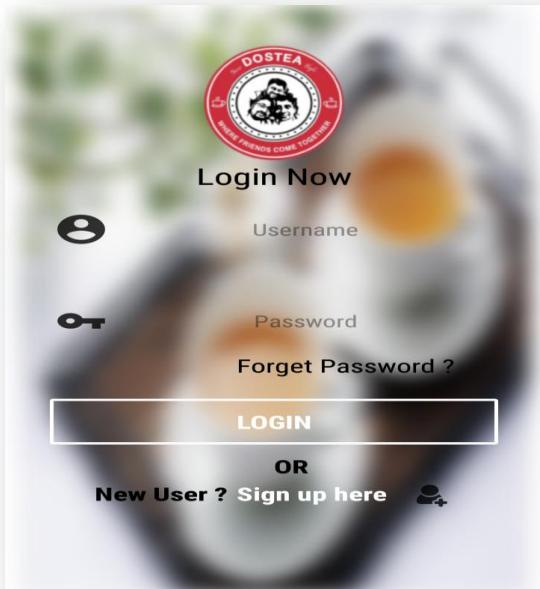
***Click on the “sign up here” button
and register yourself***



Registration Page

Here you can register yourself

***Just Enter your E-mail id and
password and accept our terms
and conditions and sign up***

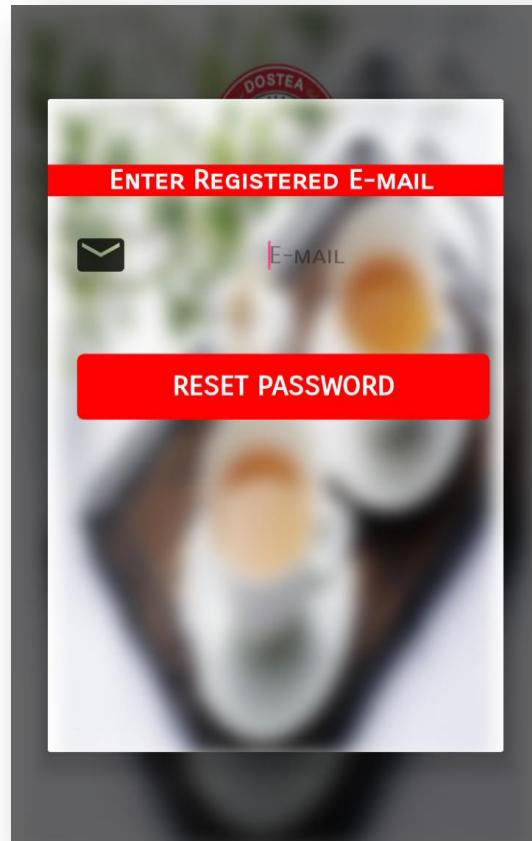


After that come back to the login page and login to continue..

"In case you forget your password then you can click on the "forget password" link and reset your password."

Forget password link page

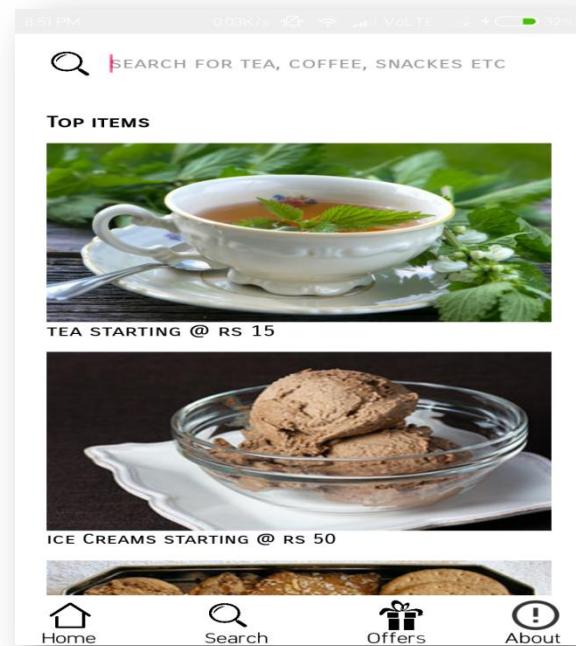
Here you can enter your registered email id address and reset your password





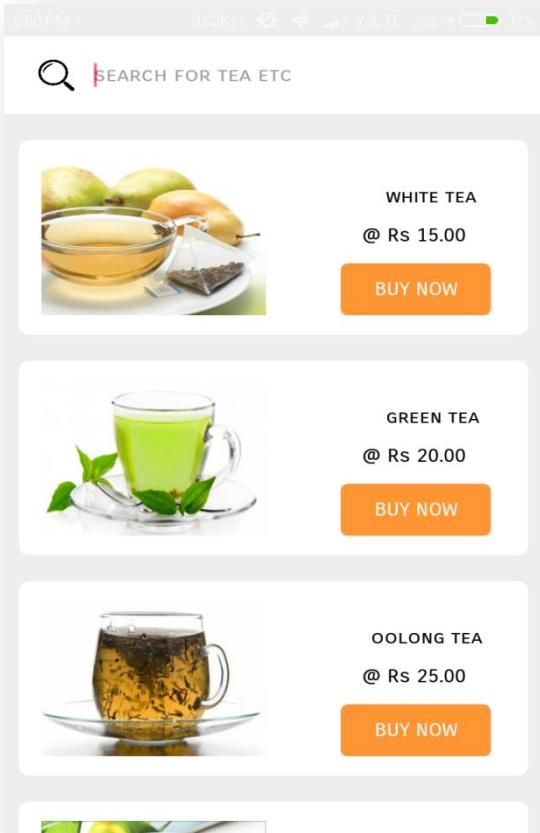
Home Page

From this page you can do all the things like ordering, managing etc.



Search page

In this page you can search your favourite items such as tea, coffee, ice cream etc.



Tea ordering Page

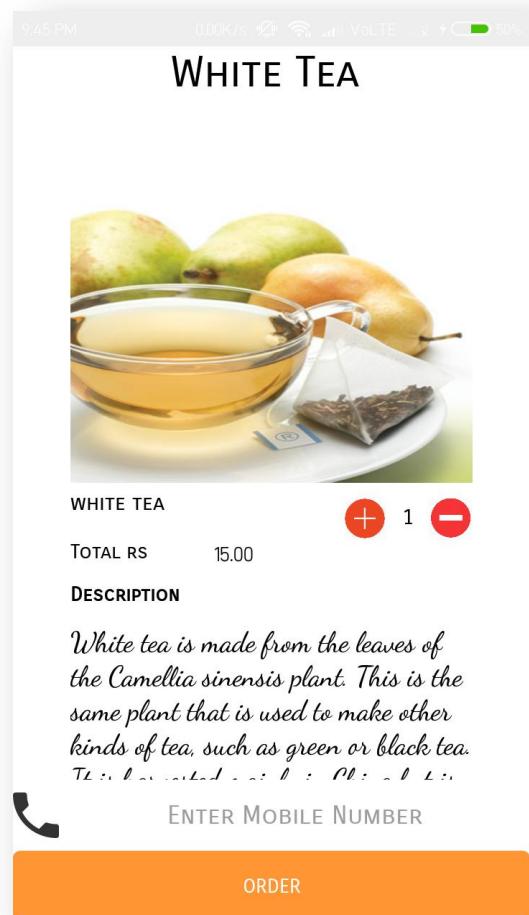
In this page you can found different variety of Tea available such as White Tea, Black Tea, Green Tea etc.

When clicking on “buy now option” you will get...

Ordering page

In this page you can order the selected items and select the quantity and you can also read the description about that item while scrolling down.

After that you can order your item by providing your Mobile Number and if you get a successfully message, confirming your order, that means your order Is confirmed.



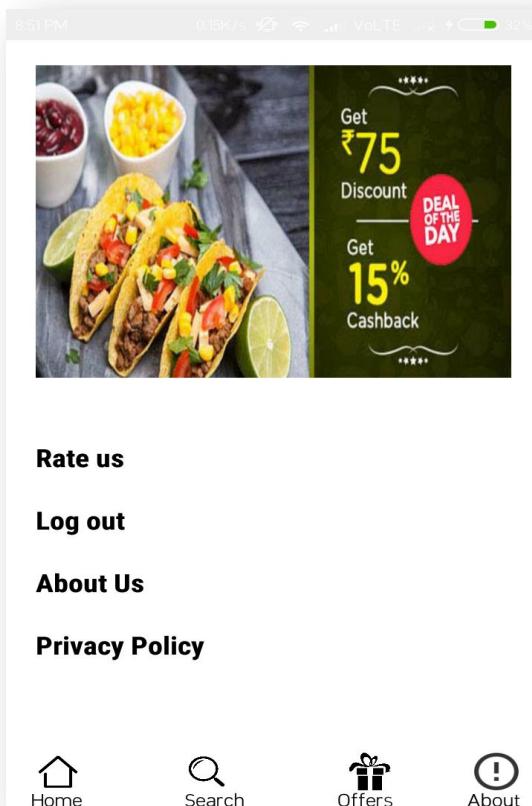


Offers Page

In this page you can see the listed items that is to be coming soon

About us Page

In this page you can rate our application and give feedback, logout your account, view our privacy policy and see about us.



Project With Source Code

Gradle build App

```
apply plugin: 'com.android.application'

android {
    compileSdkVersion 27
    defaultConfig {
        applicationId "com.example.mohdarif.dostea"
        minSdkVersion 22
        targetSdkVersion 27
        versionCode 1
        versionName "1.0"
        testInstrumentationRunner "android.support.test.runner.AndroidJUnitRunner"
    }
    buildTypes {
        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
        }
    }
}
repositories {
    mavenCentral()
}

dependencies {
    implementation fileTree(dir: 'libs', include: ['*.jar'])
    implementation 'com.android.support:appcompat-v7:27.1.1'
    implementation 'com.android.support:design:27.1.1'
    implementation 'com.android.support.constraint:constraint-layout:1.1.2'
    testImplementation 'junit:junit:4.12'
    compile 'com.google.firebaseio:firebase-core:16.0.0'
    androidTestImplementation 'com.android.support.test:runner:1.0.2'
    implementation 'com.facebook.android:facebook-login:[4,5)'
    androidTestImplementation 'com.android.support.test.espresso:espresso-core:3.0.2'
    implementation 'com.android.support:design:27.1.1'
    compile 'com.google.firebaseio:firebase-auth:16.0.2'
    compile 'com.google.firebaseio:firebase-database:16.0.1'
    compile 'com.github.JakeWharton:ViewPagerIndicator:2.4.1'
    compile 'com.android.support:appcompat-v7:24.2.1'
    compile 'com.squareup.picasso:picasso:2.3.2'
```

```

compile 'com.nineoldandroids:library:2.4.0'
compile 'com.daimajia.slider:library:1.1.5@aar'
}
apply plugin: 'com.google.gms.google-services'
```

AndroidManifest.xml

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.mohdarif.dostea">
    <uses-permission android:name="android.permission.INTERNET"/>
    <uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE" />
    <uses-permission android:name="android.permission.SEND_SMS" />
    <uses-permission android:name="android.permission.RECEIVE_SMS" />
    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@drawable/logo"
        android:supportsRtl="true"
        android:theme="@style/AppTheme.NoActionBar">
        <activity android:name=".SplashScreen">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity android:name=".LoginPage" />
        <activity android:name=".RegistrationPage" />
        <activity android:name=".ForgotPassword" />
        <activity android:name=".MainActivity" />
        <activity android:name=".HomePage" />
        <activity android:name=".IceCream" />
        <activity android:name=".ConfirmOrder" />
        <activity android:name=".MenuPage" />
        <activity android:name=".ProfilePage" />
        <activity android:name=".AboutPage" />
        <activity android:name=".Tea" />
        <activity android:name=".Coffee" />
        <activity android:name=".Coffee1" />
        <activity android:name=".Coffee2" />
        <activity android:name=".Coffee3" />
        <activity android:name=".Coffee4" />
        <activity android:name=".Coffee5" />
```

```
<activity android:name=".Coffee6"></activity>
<activity android:name=".Coffee7"></activity>
<activity android:name=".Coffee8"></activity>
<activity android:name=".NotFound"></activity>
<activity android:name=".Tea1"></activity>
<activity android:name=".Tea2"></activity>
<activity android:name=".Tea3"></activity>
<activity android:name=".Tea4"></activity>
<activity android:name=".Tea5"></activity>
<activity android:name="Tea6"></activity>
<activity android:name=".Tea7"></activity>
<activity android:name=".Tea8"></activity>
<activity android:name=".IceCream1"></activity>
<activity android:name=".IceCream2"></activity>
<activity android:name=".IceCream3"></activity>
<activity android:name=".IceCream4"></activity>
<activity android:name=".IceCream5"></activity>
<activity android:name=".IceCream6"></activity>
<activity android:name=".IceCream7"></activity>
<activity android:name=".IceCream8"></activity>
<activity android:name=".Cookie"></activity>
<activity android:name=".Cookie1"></activity>
<activity android:name=".Cookie2"></activity>
<activity android:name=".Cookie3"></activity>
<activity android:name=".Cookie4"></activity>
<activity android:name=".Cookie5"></activity>
<activity android:name=".Cookie6"></activity>
<activity android:name=".Cookie7"></activity>
<activity android:name=".Cookie8"></activity>
<activity android:name=".RateUs"></activity>
<activity android:name=".Offers"></activity>
<activity android:name=".PPolicy"></activity>
</application>
</manifest>
```

Drawable username.xml (for giving shape to Button)

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android">
<solid android:color="#f01f05"></solid>
<corners android:radius="6dp"></corners>
</shape>
```

Splash Screen

splash.xml



```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#ffffffff"
    android:layout_marginLeft="0dp"
    >
    <ImageView
        android:layout_width="200dp"
        android:id="@+id/welcome"
        android:layout_height="200dp"
        android:layout_marginLeft="-0dp"
        android:background="@drawable/frontphoto"
        android:foregroundGravity="center"
        android:layout_centerInParent="true"
        />
</RelativeLayout>
```

SplashScreen.java

```
package com.example.mohdarif.dostea;

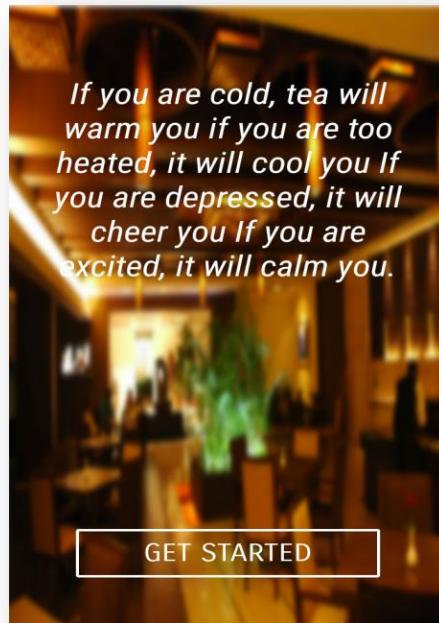
import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;
import android.support.v7.app.AppCompatActivity;
import android.view.Window;
```

```
import android.view.WindowManager;
import android.widget.TextView;

public class SplashScreen extends AppCompatActivity{
    private static int splashTimeOut = 2000;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        this.getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,WindowManager.LayoutParams.FLAG_FULLSCREEN);
        setContentView(R.layout.splash);
        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                Intent intent = new Intent(getApplicationContext(),MainActivity.class);
                startActivity(intent);
                finish();
            }
        },splashTimeOut);
    }
}
```

GetStartedPage



activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    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">
    <RelativeLayout
        android:layout_width="380dp"
        android:background="@drawable/mainphoto"
        android:layout_height="match_parent"
        >
        <TextView
            android:padding="20dp"
            android:layout_centerHorizontal="true"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="If you are cold, tea will warm you if you are
too heated, it will cool you If you are depressed, it will cheer you If
you are excited, it will calm you."
            android:textColor="#ffffff"
            android:fontFamily="sans-serif-condensed"
            android:textSize="30dp"
            android:textAlignment="center"
            android:textStyle="italic"
            android:layout_marginTop="50dp"
            />
    </RelativeLayout>
    <Button
        android:id="@+id/getstart"
        android:layout_width="250dp"
        android:layout_height="50dp"
        android:text="GET STARTED"
        android:background="@drawable/mybutton"
        android:layout_alignParentBottom="true"
        android:textColor="#ffffff"
        android:fontFamily="sans-serif-smallcaps"
        android:textSize="25dp"
        android:layout_marginBottom="50dp"
        android:layout_centerHorizontal="true"
        />
</RelativeLayout>
```

MainActivity.java

```
package com.example.mohdarif.dostea;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;
import android.widget.Button;
import android.widget.ImageView;
import android.widget.TextView;

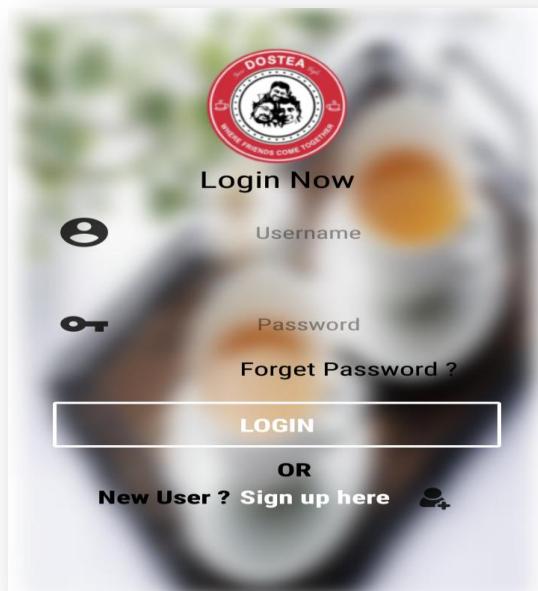
import com.daimajia.slider.library.Animations.DescriptionAnimation;
import com.daimajia.slider.library.SliderLayout;
import com.daimajia.slider.library.SliderTypes.BaseSliderView;
import com.daimajia.slider.library.SliderTypes.TextSliderView;
import com.daimajia.slider.library.Tricks.ViewPagerAdapter;

import java.util.HashMap;

public class MainActivity extends AppCompatActivity{

    Button button;
    SliderLayout sliderLayout;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        this.getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,
        WindowManager.LayoutParams.FLAG_FULLSCREEN);
        button = (Button) findViewById(R.id.getstart);
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(getApplicationContext(), LoginPage.class);
                startActivity(intent);
                finish();
            }
        });
    }
}
```

Login Page



login.xml

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:background="@drawable/tea"
    android:alpha="5"
    android:layout_height="match_parent">
<RelativeLayout
    android:layout_width="wrap_content"
    android:orientation="vertical"
    android:layout_height="wrap_content">
    >
    <ImageView
        android:layout_width="150dp"
        android:layout_height="150dp"
        android:background="@drawable/logo"
```

```
    android:layout_marginTop="30dp"
    android:layout_centerHorizontal="true"
    />
<TextView
    android:layout_width="400dp"
    android:layout_height="wrap_content"
    android:layout_marginTop="170dp"
    android:text="Login Now"
    android:textColor="#000000"
    android:textAlignment="center"
    android:textSize="25dp"
    android:fontFamily="sans-serif-condensed"
    />
<EditText
    android:id="@+id/username"
    android:layout_width="300dp"
    android:layout_height="50dp"
    android:hint="@string/username"
    android:background="@null"
    android:textAlignment="center"
    android:drawableLeft="@drawable/usericon"
    android:layout_marginLeft="70px"
    android:fontFamily="sans-serif-condensed"
    android:textColor="#000000"
    android:layout_marginTop="220dp"
    />
<EditText
    android:id="@+id/password"
    android:layout_width="300dp"
    android:layout_height="50dp"
    android:textAlignment="center"
    android:hint="@string/password"
    android:drawableLeft="@drawable/passicon"
    android:background="@null"
    android:layout_marginLeft="70px"
    android:textColor="#000000"
    android:layout_marginTop="320dp"
    android:fontFamily="sans-serif-condensed"
    android:inputType="textPassword"
    />
<TextView
    android:id="@+id/forgetpassword"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:text="Forget Password ?"
    android:textSize="20dp"
```

```
    android:textColor="#000000"
    android:layout_marginTop="380dp"
    android:fontFamily="sans-serif-condensed"
    android:layout_marginLeft="155dp"
    />
<Button
    android:id="@+id/login"
    android:layout_width="300dp"
    android:layout_height="50dp"
    android:text="Login"
    android:textSize="20dp"
    android:layout_marginTop="430dp"
    android:textColor="#ffffffff"
    android:textStyle="bold"
    android:layout_centerHorizontal="true"
    android:background="@drawable/mybutton"
    android:layout_marginLeft="40dp"
    android:fontFamily="sans-serif-condensed"
    />
<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:text="OR"
    android:textStyle="bold"
    android:fontFamily="sans-serif-condensed"
    android:textColor="#000000"
    android:layout_marginLeft="180dp"
    android:textSize="20dp"
    android:layout_marginTop="490dp"
    />
<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:drawableLeft="@drawable/newaccount"
    android:layout_marginTop="520dp"
    android:layout_marginLeft="270dp"
    />
<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:text="New User ?"
    android:textColor="#000000"
    android:textStyle="bold"
    android:textSize="20dp"
```

```

        android:fontFamily="sans-serif-condensed"
        android:layout_marginTop="520dp"
        android:layout_marginLeft="60dp"
    />
<TextView
    android:id="@+id/newaccount"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:text="Sign up here"
    android:textColor="#fffff"
    android:textStyle="bold"
    android:textSize="20dp"
    android:fontFamily="sans-serif-condensed"
    android:layout_marginTop="520dp"
    android:layout_marginLeft="155dp"
/>
<ProgressBar
    android:id="@+id/progressBar"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_centerHorizontal="true"
    android:layout_gravity="center|bottom"
    android:layout_marginTop="500dp"
    android:visibility="gone" />
</RelativeLayout>
</ScrollView>
```

LoginPage.java

```

package com.example.mohdarif.dostea;
import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.NonNull;
import android.support.design.widget.Snackbar;
import android.support.v7.app.AlertDialog;
import android.support.v7.app.AppCompatActivity;
import android.text.TextUtils;
import android.util.Base64;
import android.util.Log;
import android.view.LayoutInflater;
import android.view.MotionEvent;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;
import android.widget.Button;
```

```
import android.widget.EditText;
import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;
import com.google.firebaseio.database.DatabaseReference;

import java.security.MessageDigest;
import java.security.NoSuchAlgorithmException;

public class LoginPage extends AppCompatActivity {
    Button login,facebook,google;
    DatabaseReference demoRef;
    TextView newAccount,forgetpassword;
    EditText username,password;
    String Username;
    String Password;
    private FirebaseAuth auth;
    private ProgressBar progressBar;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        auth = FirebaseAuth.getInstance();
        if(auth.getCurrentUser() != null) {
            startActivity(new Intent(LoginPage.this, HomePage.class));
            finish();
        }
        setContentView(R.layout.loginpage);
        this.getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,
                WindowManager.LayoutParams.FLAG_FULLSCREEN);
        login = (Button)findViewById(R.id.login);
        progressBar = (ProgressBar)findViewById(R.id.progressBar);
        newAccount = (TextView)findViewById(R.id.newaccount);
        forgetpassword = (TextView)findViewById(R.id.forgetpassword);
        forgetpassword.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                newPassword();
            }
        });
        username = (EditText)findViewById(R.id.username);
```

```

password = (EditText)findViewById(R.id.password);
auth = FirebaseAuth.getInstance();

login.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick (View v){
String Email = username.getText().toString();
final String Password = password.getText().toString();

if (TextUtils.isEmpty(Email)) {
Toast.makeText(getApplicationContext(), "Enter email address!",
Toast.LENGTH_SHORT).show();
return;
}

if (TextUtils.isEmpty(Password)) {
Toast.makeText(getApplicationContext(), "Enter password!",
Toast.LENGTH_SHORT).show();
return;
}

progressBar.setVisibility(View.VISIBLE);
auth.signInWithEmailAndPassword(Email, Password)
.addOnCompleteListener(LoginPage.this, new
OnCompleteListener<AuthResult>() {
@Override
public void onComplete(@NonNull Task<AuthResult> task) {
progressBar.setVisibility(View.GONE);
if (!task.isSuccessful()) {
if (password.length() < 6) {
Toast.makeText(getApplicationContext(), "Password must of
minimun 6 words", Toast.LENGTH_LONG).show();
} else {
username.setText("");
password.setText("");
Toast.makeText(getApplicationContext(), "Invalid username or
password", Toast.LENGTH_LONG).show();
}
} else {
Intent intent = new Intent(getApplicationContext(), HomePage.class);
startActivity(intent);
finish();
}
}
});
}
}

```

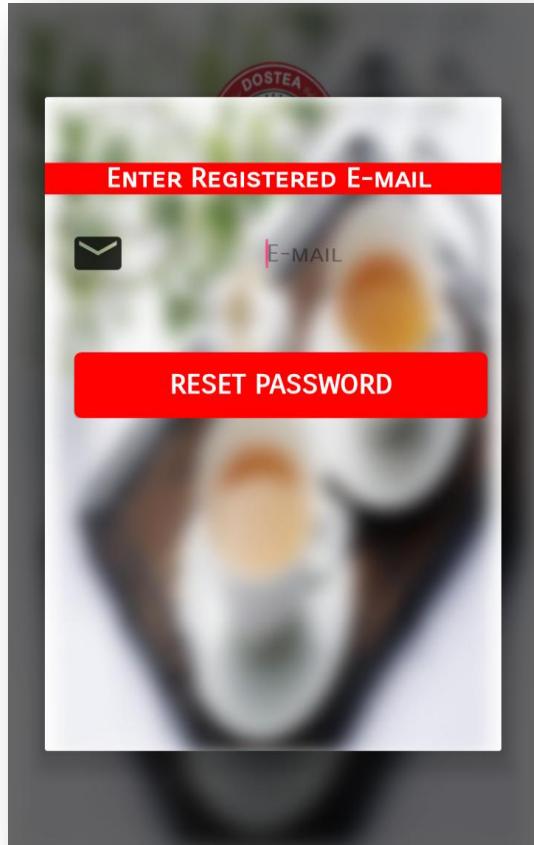
```

    });
    newAccount.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(getApplicationContext(), RegistrationPage.class);
            startActivity(intent);
        }
    });
}
@Override
public void onBackPressed() {
    super.onBackPressed();
    finish();
}
private void resetPassword() {
    final AlertDialog.Builder dialogBuilder = new AlertDialog.Builder(this);
    LayoutInflater inflater = getLayoutInflater();
    final View dialogView = inflater.inflate(R.layout.forget_password, null);
    dialogBuilder.setView(dialogView);
    final EditText editText = (EditText) dialogView.findViewById(R.id.email1);
    final Button btnReset = (Button) dialogView.findViewById(R.id.resetPassword);
    final ProgressBar progressBar1 = (ProgressBar)
dialogView.findViewById(R.id.progressBar);
    //dialogBuilder.setTitle("Send Photos");
    final AlertDialog dialog = dialogBuilder.create();
    btnReset.setOnClickListener(new View.OnClickListener() {
        public void onClick(View v) {
            String email = editText.getText().toString().trim();
            if (TextUtils.isEmpty(email)) {
                Toast.makeText(getApplicationContext(), "Enter your registered email id",
Toast.LENGTH_SHORT).show();
                return;
            }
            progressBar1.setVisibility(View.VISIBLE);
            auth.sendPasswordResetEmail(email)
                .addOnCompleteListener(new OnCompleteListener<Void>() {
                    @Override
                    public void onComplete(@NonNull Task<Void> task) {
                        if (task.isSuccessful()) {
                            Toast.makeText(getApplicationContext(), "We have sent you instructions
to reset your password!", Toast.LENGTH_SHORT).show();
                        } else {
                            Toast.makeText(getApplicationContext(), "Failed to send reset email!",
Toast.LENGTH_SHORT).show();
                        }
                    }
                })
                .addOnSuccessListener(new OnSuccessListener<Void>() {
                    @Override
                    public void onSuccess(Void aVoid) {
                        progressBar1.setVisibility(View.GONE);
                    }
                });
        }
    });
}

```

```
        dialog.dismiss();
    }
}
);
dialog.show();
}
}
```

Forget Password pag



forget_password.xml

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="320dp"
    android:background="@drawable/tea"
```

```
    android:layout_height="match_parent">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">
    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:text="Enter Registered E-mail "
        android:textColor="#ffffffff"
        android:textStyle="bold"
        android:fontFamily="sans-serif-smallcaps"
        android:textSize="20dp"
        android:background="#ff0101"
        android:textAlignment="center"
        android:layout_marginTop="50dp"
    />
    <EditText
        android:id="@+id/email1"
        android:layout_width="280dp"
        android:layout_height="50dp"
        android:background="@null"
        android:hint="@string/email"
        android:textAlignment="center"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:drawableLeft="@drawable/emailicon"
        android:layout_marginTop="20dp"
        android:inputType="textEmailAddress"
        android:layout_marginLeft="20dp"
    />
    <Button
        android:id="@+id/resetPassword"
        android:layout_width="280dp"
        android:layout_height="50dp"
        android:text="Reset Password"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#ffffffff"
        android:background="@drawable/signup"
        android:layout_marginLeft="20dp"
        android:layout_marginTop="50dp"
        android:textStyle="bold"
        android:textSize="20dp"
    />
    <ProgressBar
        android:id="@+id/progressBar"
```

```
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginBottom="10dp"
    android:visibility="gone" />
</LinearLayout>
</ScrollView>
```

ForgetPassword.java

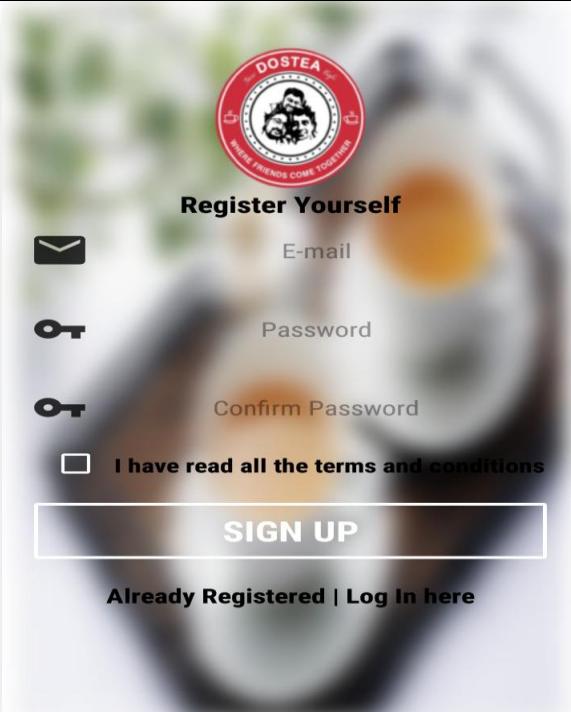
```
package com.example.mohdarif.dostea;

import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.Window;
import android.view.WindowManager;

public class ForgetPassword extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        requestWindowFeature(Window.FEATURE_NO_TITLE);
        getSupportActionBar().hide();
        setContentView(R.layout.forget_password);

        this.getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,WindowManager.LayoutParams.FLAG_FULLSCREEN);
    }
}
```

Registration Page



registration.xml

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/tea"
    >
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        >
        <ImageView
            android:layout_width="150dp"
            android:layout_height="150dp"
            android:layout_centerHorizontal="true"
            android:background="@drawable/logo"
            android:layout_marginLeft="100dp"
            android:layout_marginTop="30dp"
            />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Register Yourself"
            android:textStyle="bold"
            android:textColor="#000000"
            android:layout_marginLeft="100dp"
            android:fontFamily="sans-serif-condensed"
            android:textSize="20dp"
            android:textAlignment="center"
            android:layout_marginTop="170dp"
            android:layout_centerHorizontal="true"
            />
        <EditText
            android:id="@+id/email"
            android:layout_width="320dp"
            android:layout_height="50dp"
            android:layout_marginTop="200dp"
            android:layout_centerHorizontal="true"
            android:background="@null"
            android:textColor="#000000"
            android:drawableLeft="@drawable/emailicon"
            android:hint="@string/email"
            android:fontFamily="sans-serif-condensed"
            android:textAlignment="center"
            />
    </RelativeLayout>
</ScrollView>
```

```
    android:layout_marginLeft="20dp"
    android:inputType="textEmailAddress"
/>
<EditText
    android:id="@+id/password"
    android:layout_width="320dp"
    android:layout_height="50dp"
    android:layout_marginTop="270dp"
    android:layout_centerHorizontal="true"
    android:layout_marginLeft="20dp"
    android:drawableLeft="@drawable/passicon"
    android:background="@null"
    android:textColor="#000000"
    android:hint="@string/password"
    android:textAlignment="center"
    android:inputType="textPassword"
    android:fontFamily="sans-serif-condensed"
/>
<EditText
    android:id="@+id/cpassword"
    android:layout_width="320dp"
    android:layout_height="50dp"
    android:layout_marginTop="340dp"
    android:layout_marginLeft="20dp"
    android:background="@null"
    android:layout_centerHorizontal="true"
    android:drawableLeft="@drawable/passicon"
    android:textColor="#000000"
    android:hint="@string/cpassword"
    android:textAlignment="center"
    android:inputType="textPassword"
    android:fontFamily="sans-serif-condensed"
/>
<CheckBox
    android:id="@+id/accept"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginTop="400dp"
    android:layout_marginLeft="30dp"
    android:buttonTint="#ffffff"
/>
<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:text="I have read all the terms and conditions"
    android:fontFamily="sans-serif-condensed"
```

```
    android:textColor="#000000"
    android:layout_marginLeft="70dp"
    android:textStyle="bold"
    android:textSize="17dp"
    android:layout_marginTop="405dp"
/>
<Button
    android:id="@+id/signup"
    android:layout_width="320dp"
    android:layout_height="50dp"
    android:text="Sign Up"
    android:layout_centerHorizontal="true"
    android:fontFamily="sans-serif-condensed"
    android:background="@drawable/mybutton"
    android:layout_marginTop="450dp"
    android:layout_marginLeft="20dp"
    android:textColor="#ffffffff"
    android:textStyle="bold"
    android:textSize="25dp"
/>
<TextView
    android:id="@+id/login"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_centerHorizontal="true"
    android:text="Already Registered / Log In here"
    android:fontFamily="sans-serif-condensed"
    android:textColor="#000000"
    android:textSize="18dp"
    android:layout_marginTop="520dp"
    android:layout_marginLeft="130dp"
    android:textStyle="bold"
/>
<ProgressBar
    android:id="@+id/progressBar"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_gravity="center/bottom"
    android:layout_marginBottom="50dp"
    android:visibility="gone" />
</RelativeLayout>
</ScrollView>
```

RegistrationPage.java

```
package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.NonNull;
import android.support.v7.app.AlertDialog;
import android.support.v7.app.AppCompatActivity;
import android.text.TextUtils;
import android.util.Log;
import android.view.LayoutInflater;
import android.view.View;
import android.view.WindowManager;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.EditText;
import android.widget.ProgressBar;
import android.widget.TextView;
import android.widget.Toast;
import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;
import com.google.firebase.auth.FirebaseUser;
import com.google.firebaseio.database.DatabaseReference;
import com.google.firebaseio.database.FirebaseDatabase;
public class RegistrationPage extends AppCompatActivity {

    EditText email, password, cpassword;
    Button signup;
    TextView login;
    CheckBox accept;
    AlertDialog.Builder builder;
    private ProgressBar progressBar;
    private FirebaseAuth auth;
    private DatabaseReference mDatabase;
    private FirebaseDatabase firebaseDatabase;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.registration_page);
        this.getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,
        WindowManager.LayoutParams.FLAG_FULLSCREEN);
        email = (EditText) findViewById(R.id.email);
        password = (EditText) findViewById(R.id.password);
        cpassword = (EditText) findViewById(R.id.cpassword);
```

```

accept = (CheckBox) findViewById(R.id.accept);
signup = (Button) findViewById(R.id.signup);
login = (TextView) findViewById(R.id.login);
progressBar = (ProgressBar) findViewById(R.id.progressBar);
builder = new AlertDialog.Builder(this);
auth = FirebaseAuth.getInstance();
firebaseDatabase = FirebaseDatabase.getInstance();
mDatabase = firebaseDatabase.getInstance().getReference("Users");
login.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(), LoginPage.class);
        startActivity(intent);
        finish();
    }
});
signup.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        String Email = email.getText().toString().trim();
        String Password = password.getText().toString().trim();
        String Cpassword = cpassword.getText().toString().trim();
        if (TextUtils.isEmpty(Email)) {
            email.setError("this field cannot be empty");
            Toast.makeText(getApplicationContext(), "Enter email address!", Toast.LENGTH_SHORT).show();
            return;
        }
        else if (TextUtils.isEmpty(Password)) {
            password.setError("this field cannot be empty");
            Toast.makeText(getApplicationContext(), "Enter password!", Toast.LENGTH_SHORT).show();
            return;
        }
        else if (TextUtils.isEmpty(Cpassword)) {
            cpassword.setError("this field cannot be empty");
            Toast.makeText(getApplicationContext(), "Confirm password!", Toast.LENGTH_SHORT).show();
            return;
        }
        else if (accept.isChecked()==false) {
            Toast.makeText(getApplicationContext(), "Accept our terms and conditions", Toast.LENGTH_SHORT).show();
        }
        else if (password.length() < 6) {
            Toast.makeText(getApplicationContext(), "Password too short, enter minimum 6

```

```
characters!", Toast.LENGTH_SHORT).show();
        return;
    }
    else if (Password.equals(Cpassword)==false) {
        Toast.makeText(getApplicationContext(),"Password not
matching",Toast.LENGTH_LONG).show();
    }
    else {
        auth.createUserWithEmailAndPassword>Email,Password)
            .addOnCompleteListener(RegistrationPage.this, new
OnCompleteListener<AuthResult>() {
            @Override
            public void onComplete(@NonNull Task<AuthResult> task) {
                if (!task.isSuccessful()) {
                    Toast.makeText(getApplicationContext(), "Authentication failed." +
task.getException(),
                        Toast.LENGTH_SHORT).show();
                } else {
                    Toast.makeText(getApplicationContext(), "Account Created",
                        Toast.LENGTH_SHORT).show();
                    startActivity(new Intent(getApplicationContext(), LoginPage.class));
                    finish();
                }
            });
        }
    });
}
@Override
public void onBackPressed() {
    finish();
}
protected void onResume() {
    super.onResume();
    progressBar.setVisibility(View.GONE);
}
}
```

Home Page

8:50 PM 145K/s VoLTE 32%

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1-for-1 white chocolate frappe
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Home Search Offers About

home_page.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:background="#ffffffff">
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_marginTop="0dp"
            >
            <RelativeLayout
                android:layout_width="fill_parent"
                android:layout_height="300dp"
                android:layout_alignParentTop="true"
                >
                <com.daimajia.slider.library.SliderLayout
                    android:id="@+id/slider"
                    android:layout_width="match_parent"
                    android:background="@drawable/homepagemenuitems"
                    android:layout_height="300dp"
                    />
            </RelativeLayout>
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Dostea Cafe Items"
                android:textAlignment="textStart"
                android:fontFamily="sans-serif-smallcaps"
                android:textColor="#000000"
                android:textSize="20dp"
                android:layout_marginTop="310dp"
                />
            <RelativeLayout
                android:layout_width="match_parent"
                android:background="#fbfbfb"
                android:layout_height="100dp"
                android:layout_marginTop="340dp"
                android:padding="13dp"
```

```
    android:fadingEdge="horizontal"
    >
<RelativeLayout
    android:layout_width="50dp"
    android:layout_height="80dp"
    android:background="@drawable/homepagemenuitems"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="0dp"
    >
<ImageView
    android:id="@+id/tea"
    android:layout_width="match_parent"
    android:layout_height="60dp"
    android:background="@drawable/teaicon"
    />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="TEA"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="60dp"
    android:layout_marginLeft="14dp"
    />
</RelativeLayout>
<RelativeLayout
    android:layout_width="50dp"
    android:layout_height="80dp"
    android:background="@drawable/homepagemenuitems"
    android:layout_marginLeft="90dp"
    >
<ImageView
    android:id="@+id/coffee"
    android:layout_width="match_parent"
    android:layout_height="60dp"
    android:background="@drawable/coffeeicon"
    />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="COFFEE"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="60dp"
    >
```

```
        android:layout_marginLeft="3dp"
    />
</RelativeLayout>
<RelativeLayout
    android:layout_width="50dp"
    android:layout_height="80dp"
    android:background="@drawable/homepagemenuitems"
    android:layout_marginLeft="180dp"
    >
    <ImageView
        android:id="@+id/icecream"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:background="@drawable/icecreamicon"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="CREAMS"
        android:textColor="#000000"
        android:textAlignment="center"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="60dp"
        android:layout_marginLeft="2dp"
    />
</RelativeLayout>
<RelativeLayout
    android:layout_width="50dp"
    android:layout_height="80dp"
    android:background="@drawable/homepagemenuitems"
    android:layout_marginLeft="280dp"
    >
    <ImageView
        android:id="@+id/cookie"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:background="@drawable/biscuiticon"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="COOKIES"
        android:textColor="#000000"
        android:textAlignment="center"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="60dp"
    />
```

```
        android:layout_marginLeft="0dp"
    />
</RelativeLayout>
</RelativeLayout>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="900dp"
    android:text="coming soon"
    android:layout_marginTop="430dp"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:textSize="20dp"
/>
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="460dp"
>
<ImageView
    android:id="@+id/comingitems"
    android:background="@drawable/homepagecoming"
    android:layout_width="match_parent"
    android:layout_height="250dp" />
<ImageView
    android:layout_marginTop="270dp"
    android:layout_width="match_parent"
    android:layout_height="250dp"
    android:background="@drawable/comingsoon2"
/>
<ImageView
    android:layout_marginTop="550dp"
    android:layout_width="match_parent"
    android:layout_height="250dp"
    android:background="@drawable/comingsoon3"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:id="@+id/nav_bar"
    android:background="#ffffff"
    android:paddingTop="5dp"
    android:paddingLeft="0dp"
```

```
    android:layout_marginLeft="0dp"
    >
<ImageView
    android:id="@+id/home"
    android:layout_marginLeft="20dp"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:background="@drawable/homeicon"
    />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Home"
    android:textColor="#000000"
    android:layout_marginLeft="17dp"
    android:layout_marginTop="28dp"
    />
<ImageView
    android:id="@+id/menu"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:background="@drawable/searchicon"
    android:layout_marginLeft="120dp"
    />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Search"
    android:textColor="#000000"
    android:layout_marginLeft="120dp"
    android:layout_marginTop="28dp"
    />
<ImageView
    android:id="@+id/offer"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:background="@drawable/offersicon"
    android:layout_marginLeft="230dp"
    />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Offers"
    android:textColor="#000000"
    android:layout_marginLeft="223dp"
    android:layout_marginTop="28dp"
```

```
    />
<ImageView
    android:id="@+id/account"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:background="@drawable/abouticon"
    android:layout_marginLeft="315dp"
    />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="About"
    android:textColor="#000000"
    android:layout_marginLeft="310dp"
    android:layout_marginTop="28dp"
    />
</RelativeLayout>
</RelativeLayout>
```

HomePage.java

```
package com.example.mohdarif.dostea;
import android.content.DialogInterface;
import android.content.Intent;
import android.graphics.Color;
import android.os.Build;
import android.os.Bundle;
import android.support.annotation.RequiresApi;
import android.support.design.widget.Snackbar;
import android.support.v4.app.NotificationCompat;
import android.support.v4.view.ViewPager;
import android.support.v7.app.AlertDialog;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.ImageView;
import android.widget.TextView;
import android.widget.Toast;
import com.daimajia.slider.library.Animations.DescriptionAnimation;
import com.daimajia.slider.library.SliderLayout;
import com.daimajia.slider.library.SliderTypes.BaseSliderView;
import com.daimajia.slider.library.SliderTypes.TextSliderView;
import com.daimajia.slider.library.Tricks.ViewPagerEx;
import java.util.HashMap;
public class HomePage extends AppCompatActivity implements
BaseSliderView.OnSliderClickListener, ViewPagerEx.OnPageChangeListener {
```

```
ImageView home,offer,account, menu, about,icecream,tea,coffee,cookie;
AlertDialog.Builder builder;
NotificationCompat.Builder notify;
SliderLayout sliderLayout;
HashMap<String,String> Hash_file_maps ;
ImageView comingitems;
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.home_page);
    home = (ImageView) findViewById(R.id.home);
    builder = new AlertDialog.Builder(this);
    home.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(getApplicationContext(), HomePage.class);
            startActivity(intent);
            finish();
        }
    });
    menu = (ImageView)findViewById(R.id.menu);
    menu.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(getApplicationContext(),MenuPage.class);
            startActivity(intent);
            finish();
        }
    });
    offer = findViewById(R.id.offer);
    offer.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(getApplicationContext(),Offers.class);
            startActivity(intent);
            finish();
        }
    });
    account = (ImageView) findViewById(R.id.account);
    account.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(getApplicationContext(), ProfilePage.class);
            startActivity(intent);
            finish();
        }
    });
}
```

```
});
icecream = (ImageView) findViewById(R.id.icecream);
icecream.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),IceCream.class);
        startActivity(intent);
        finish();
    }
});
tea = findViewById(R.id.tea);
tea.setOnClickListener(new View.OnClickListener() {
    @RequiresApi(api = Build.VERSION_CODES.M)
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Tea.class);
        startActivity(intent);
        finish();
    }
});
coffee = findViewById(R.id.coffee);
coffee.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Coffee.class);
        startActivity(intent);
        finish();
    }
});
comingitems = findViewById(R.id.comingitems);
cookie = findViewById(R.id.cookie);
cookie.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Cookie.class);
        startActivity(intent);
        finish();
    }
});
Hash_file_maps = new HashMap<String, String>();
sliderLayout = (SliderLayout)findViewById(R.id.slider);
Hash_file_maps.put("1", "https://gardenhotel.co.nz/wp-content/uploads/2014/05/Muffin-Toatie-7.50_thumbnail.jpg");
Hash_file_maps.put("2", "http://4.bp.blogspot.com/-CeQshM2xv30/T-SGagXYbkI/AAAAAAAHA/YC6usXVgh7g/s1600/Combo+-+Midias+1.jpg");
Hash_file_maps.put("3", "http://www.malaysiadealsales.com/wp-
```

```

content/myuploads/2013/8/2013832354373761980.jpg");
Hash_file_maps.put("4", "http://x2.sdimgs.com/sd_static/u/201503/54fd6ab63ff8b.jpg");
Hash_file_maps.put("5",
"https://assetscdn1.paytm.com/images/catalog/product/D/DE/DEACAFE-COFFEE-
LITT73DF063A58/0x1920/70/18.jpg");
Hash_file_maps.put("6", "https://www.bigtricks.in/wp-
content/uploads/2017/01/15384585_1245131602191678_2781319075270543496_o.jpg");
for(String name : Hash_file_maps.keySet()){

    TextSliderView textSliderView = new TextSliderView(HomePage.this);
    textSliderView
        .image(Hash_file_maps.get(name))
        .setScaleType(BaseSliderView.ScaleType.Fit)
        .setOnSliderClickListener(this);
    sliderLayout.addSlider(textSliderView);
}
sliderLayout.setPresetTransformer(SliderLayout.Transformer.Accordion);
sliderLayout.setPresetIndicator(SliderLayout.PresetIndicators.Center_Bottom);
sliderLayout.setCustomAnimation(new DescriptionAnimation());
sliderLayout.setDuration(4000);
sliderLayout.addOnPageChangeListener(this);
}
public void onBackPressed() {
    builder.setMessage("Do you want to exit").setCancelable(false).setPositiveButton("YES",
new DialogInterface.OnClickListener() {
    @Override
    public void onClick(DialogInterface dialog, int which) {
        Toast.makeText(getApplicationContext(), "Exiting the app",
Toast.LENGTH_LONG).show();
        finish();
    }
}).setNegativeButton("No", new DialogInterface.OnClickListener() {
    @Override
    public void onClick(DialogInterface dialog, int which) {
        dialog.cancel();
        Snackbar.make(home, "Welcome back !!", Snackbar.LENGTH_LONG).show();
    }
});
AlertDialog alertDialog = builder.create();
alertDialog.show();
}
protected void onStop() {
    sliderLayout.stopAutoCycle();
    super.onStop();
}
public void onSliderClick(BaseSliderView slider) {

```

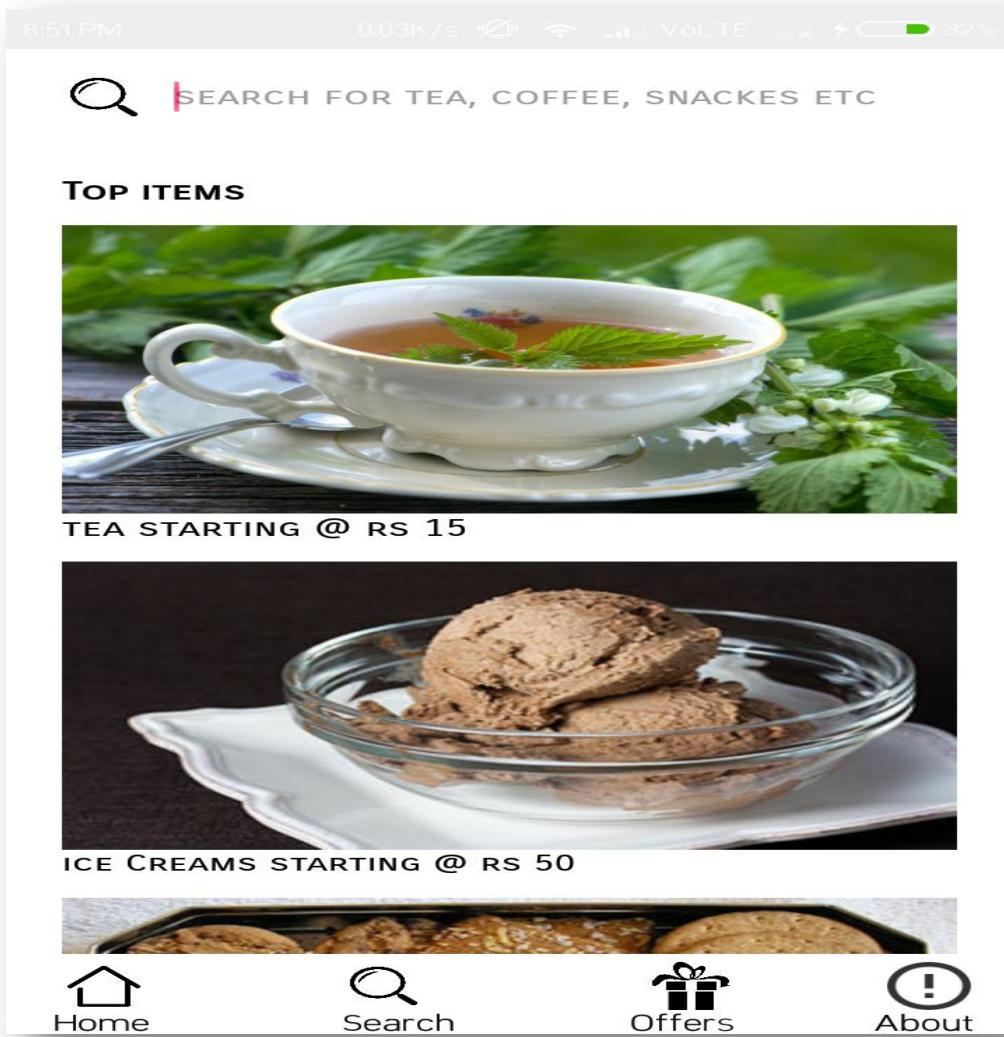
```

        }
    public void onPageScrolled(int position, float positionOffset, int positionOffsetPixels) {}

    public void onPageSelected(int position) {
    }
    public void onPageScrollStateChanged(int state) {}
}

```

Menu Page



menu_page.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout

```

```
xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:background="#ffffffff"
    android:layout_height="match_parent">
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="60dp"
    >
    <EditText
        android:id="@+id/searchitem"
        android:layout_width="280dp"
        android:layout_marginLeft="60dp"
        android:layout_marginTop="10dp"
        android:layout_height="40dp"
        android:background="@null"
        android:hint="search for tea, coffee, snacks etc"
        android:textColor="#000000"
        android:fontFamily="sans-serif-smallcaps"
        android:textSize="15dp"
        android:layout_alignParentTop="true"
        />
    <ImageView
        android:id="@+id/search"
        android:layout_width="30dp"
        android:layout_height="30dp"
        android:background="@drawable/searchicon"
        android:layout_marginLeft="20dp"
        android:layout_marginTop="15dp"
        />
</RelativeLayout>
<ScrollView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@null"
    android:layout_marginTop="60dp"
    >
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Top items"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
```

```
    android:textSize="15dp"
    android:textStyle="bold"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="20dp"
/>
<RelativeLayout
    android:layout_width="320dp"
    android:layout_height="210dp"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="20dp"
>
<ImageView
    android:id="@+id/tea"
    android:layout_width="match_parent"
    android:layout_height="180dp"
    android:background="@drawable/newtea"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="tea starting @ rs 15"
    android:textSize="15dp"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="180dp"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="320dp"
    android:layout_height="210dp"
    android:layout_marginTop="260dp"
    android:layout_marginLeft="20dp"
>
<ImageView
    android:id="@+id/ice_cream"
    android:layout_width="match_parent"
    android:layout_height="180dp"
    android:background="@drawable/newicecream"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="ice Creams starting @ rs 50"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="180dp"
/>
```

```
        />
    </RelativeLayout>
    <RelativeLayout
        android:layout_width="320dp"
        android:layout_height="230dp"
        android:layout_marginTop="470dp"
        android:layout_marginLeft="20dp"
    >
        <ImageView
            android:id="@+id/cookie"
            android:layout_width="match_parent"
            android:layout_height="180dp"
            android:background="@drawable/newbiscuits"
        />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="baked cookies starting @ rs 100"
            android:textSize="15dp"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            android:layout_marginTop="180dp"
        />
    </RelativeLayout>
    <RelativeLayout
        android:layout_width="320dp"
        android:layout_height="300dp"
        android:layout_marginTop="680dp"
        android:layout_marginLeft="20dp"
    >
        <ImageView
            android:id="@+id/coffee"
            android:layout_width="match_parent"
            android:layout_height="180dp"
            android:background="@drawable/newhotcoffee"
        />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="hot coffee starting @ rs 49"
            android:textSize="15dp"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            android:layout_marginTop="180dp"
        />
    </RelativeLayout>
```

```
</RelativeLayout>
</ScrollView>
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:id="@+id/nav_bar"
    android:background="#ffffffff"
    android:paddingTop="5dp"
    android:paddingLeft="0dp"
    android:layout_marginLeft="0dp"
    >
    <ImageView
        android:id="@+id/home"
        android:layout_marginLeft="20dp"
        android:layout_width="30dp"
        android:layout_height="30dp"
        android:background="@drawable/homeicon"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Home"
        android:textColor="#000000"
        android:layout_marginLeft="17dp"
        android:layout_marginTop="28dp"
        />
    <ImageView
        android:id="@+id/menu"
        android:layout_width="30dp"
        android:layout_height="30dp"
        android:background="@drawable/searchicon"
        android:layout_marginLeft="120dp"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Search"
        android:textColor="#000000"
        android:layout_marginLeft="120dp"
        android:layout_marginTop="28dp"
        />
    <ImageView
        android:id="@+id/offer"
        android:layout_width="30dp"
        android:layout_height="30dp"
        >
```

```

    android:background="@drawable/offersicon"
    android:layout_marginLeft="230dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Offers"
    android:textColor="#000000"
    android:layout_marginLeft="223dp"
    android:layout_marginTop="28dp"
/>
<ImageView
    android:id="@+id/account"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:background="@drawable/abouticon"
    android:layout_marginLeft="315dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="About"
    android:textColor="#000000"
    android:layout_marginLeft="310dp"
    android:layout_marginTop="28dp"
/>
</RelativeLayout>
</RelativeLayout>
```

MenuPage.java

```

package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.ArrayAdapter;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.ListView;
import android.widget.SearchView;
import android.widget.Toast;
```

```
import java.util.ArrayList;

public class MenuPage extends AppCompatActivity {
    ImageView home,menu,offer,account,ice_cream,tea,coffee,cookie;
    EditText value;
    SearchView searchView;
    ListView listView;
    ArrayList<String> list;
    ArrayAdapter<String > adapter;
    String getValue;
    ImageView search;
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.menu_page);
        home = findViewById(R.id.home);
        menu = findViewById(R.id.menu);
        offer = findViewById(R.id.offer);
        offer.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(getApplicationContext(),Offers.class);
                startActivity(intent);
                finish();
            }
        });
        account = findViewById(R.id.account);
        account.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(getApplicationContext(),ProfilePage.class);
                startActivity(intent);
                finish();
            }
        });
        search = findViewById(R.id.search);
        value = findViewById(R.id.searchitem);
        search.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                getValue = value.getText().toString().trim();
                if(getValue.equalsIgnoreCase("Tea")){
                    Intent intent = new Intent(getApplicationContext(),Tea.class);
                    startActivity(intent);
                    finish();
                }
            }
        });
    }
}
```

```

        else if (getValue.equalsIgnoreCase("coffee")) {
            Intent intent = new Intent(getApplicationContext(),Coffee.class);
            startActivity(intent);
            finish();
        }
        else if (getValue.equalsIgnoreCase("cookies")) {
            Intent intent = new Intent(getApplicationContext(),Cookie.class);
            startActivity(intent);
            finish();
        }
        else if (getValue.equalsIgnoreCase("icecream")) {
            Intent intent = new Intent(getApplicationContext(),IceCream.class);
            startActivity(intent);
            finish();
        }
        else {
            Intent intent = new Intent(getApplicationContext(),NotFound.class);
            startActivity(intent);
            finish();
        }
    });
    home.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(getApplicationContext(),HomePage.class);
            startActivity(intent);
            finish();
        }
    });
    menu.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(getApplicationContext(),MenuPage.class);
            startActivity(intent);
            finish();
        }
    });
    tea = findViewById(R.id.tea);
    tea.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(getApplicationContext(),Tea.class);
            startActivity(intent);
            finish();
        }
    });
}

```

```
});

ice_cream = findViewById(R.id.ice_cream);
ice_cream.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),IceCream.class);
        startActivity(intent);
        finish();
    }
});
coffee = findViewById(R.id.coffee);
coffee.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Coffee.class);
        startActivity(intent);
        finish();
    }
});
cookie = findViewById(R.id.cookie);
cookie.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Cookie.class);
        startActivity(intent);
        finish();
    }
});
}

@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),HomePage.class);
    startActivity(intent);
    finish();
}
```

Offers Page

8:51 PM

0.50K/s 4G VoLTE 32%

Trending Offers to be Coming Soon



Special made Tea for VIP @ Rs 40.00



Special coffee @ Rs 50.00



Home



Search



Offers



About

offer_page.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/topic">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Trending Offers to be Coming Soon"
            android:fontFamily="sans-serif-condensed"
            android:textSize="20dp"
            android:textColor="#000000"
            android:layout_centerHorizontal="true"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginLeft="20dp"
        android:layout_below="@+id/topic">
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <RelativeLayout
                android:layout_width="320dp"
                android:layout_height="250dp">
                <ImageView
                    android:layout_width="match_parent"
                    android:layout_height="200dp"
                    android:background="@drawable/offer1"
                    />
                <TextView
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:text="Special made Tea for VIP @ Rs 40.00 "
                    android:textStyle="bold"
                    android:textSize="15dp"
                    android:textColor="#000000"
                    />
            </RelativeLayout>
        </RelativeLayout>
    </ScrollView>
</RelativeLayout>
```

```
    android:fontFamily="sans-serif-condensed"
    android:layout_marginTop="220dp"
    android:layout_centerHorizontal="true"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="320dp"
    android:layout_height="250dp"
    android:layout_marginTop="250dp"
>
<ImageView
    android:layout_width="match_parent"
    android:layout_height="200dp"
    android:background="@drawable/offer2"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Special coffee @ Rs 50.00 "
    android:textStyle="bold"
    android:textSize="15dp"
    android:textColor="#000000"
    android:fontFamily="sans-serif-condensed"
    android:layout_marginTop="220dp"
    android:layout_centerHorizontal="true"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="320dp"
    android:layout_height="250dp"
    android:layout_marginTop="500dp"
>
<ImageView
    android:layout_width="match_parent"
    android:layout_height="200dp"
    android:background="@drawable/offer3"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Freshly made Icecream @ Rs 99.00 "
    android:textStyle="bold"
    android:textSize="15dp"
    android:textColor="#000000"
    android:fontFamily="sans-serif-condensed"
    android:layout_marginTop="220dp"

```

```
        android:layout_centerHorizontal="true"
    />
</RelativeLayout>
<RelativeLayout
    android:layout_width="320dp"
    android:layout_height="250dp"
    android:layout_marginTop="750dp"
    android:layout_marginBottom="40dp"
    >
    <ImageView
        android:layout_width="match_parent"
        android:layout_height="200dp"
        android:background="@drawable/offer5"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Top Cookies @ Rs 199.00 "
        android:textStyle="bold"
        android:textSize="15dp"
        android:textColor="#000000"
        android:fontFamily="sans-serif-condensed"
        android:layout_marginTop="200dp"
        android:layout_centerHorizontal="true"
    />
</RelativeLayout>
</RelativeLayout>

</ScrollView>
<RelativeLayout
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:id="@+id/nav_bar"
    android:background="#ffffffff"
    android:paddingTop="5dp"
    android:paddingLeft="0dp"
    android:layout_marginLeft="0dp"
    >
    <ImageView
        android:id="@+id/home"
        android:layout_marginLeft="20dp"
        android:layout_width="30dp"
        android:layout_height="30dp"
        android:background="@drawable/homeicon"
    />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Home"
    android:textColor="#000000"
    android:layout_marginLeft="17dp"
    android:layout_marginTop="28dp"
/>
<ImageView
    android:id="@+id/menu"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:background="@drawable/searchicon"
    android:layout_marginLeft="120dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Search"
    android:textColor="#000000"
    android:layout_marginLeft="120dp"
    android:layout_marginTop="28dp"
/>
<ImageView
    android:id="@+id/offer"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:background="@drawable/offersicon"
    android:layout_marginLeft="230dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Offers"
    android:textColor="#000000"
    android:layout_marginLeft="223dp"
    android:layout_marginTop="28dp"
/>
<ImageView
    android:id="@+id/account"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:background="@drawable/abouticon"
    android:layout_marginLeft="315dp"
/>
<TextView
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="About"
    android:textColor="#000000"
    android:layout_marginLeft="310dp"
    android:layout_marginTop="28dp"
/>
</RelativeLayout>
</RelativeLayout>
```

Offers.java

```
package com.example.mohdarif.dostea;

import android.content.Intent;
import android.media.Image;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.ImageView;

import com.google.android.gms.common.api.Api;

public class Offers extends AppCompatActivity {
    ImageView home,menu,offer,account;
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.offer_page);
        home = findViewById(R.id.home);
        menu = findViewById(R.id.menu);
        offer = findViewById(R.id.offer);
        offer.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(getApplicationContext(),Offers.class);
                startActivity(intent);
                finish();
            }
        });
        account = findViewById(R.id.account);
        account.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
```

```
Intent intent = new Intent(getApplicationContext(),ProfilePage.class);
startActivity(intent);
finish();
});
home.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View v) {
Intent intent = new Intent(getApplicationContext(),HomePage.class);
startActivity(intent);
finish();
});
menu.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View v) {
Intent intent = new Intent(getApplicationContext(),MenuPage.class);
startActivity(intent);
finish();
});
}
});

@Override
public void onBackPressed() {
super.onBackPressed();
Intent intent = new Intent(getApplicationContext(), HomePage.class);
startActivity(intent);
finish();
}
}
```

About us Page

The screenshot shows a mobile application interface. At the top, there is a header bar with the time "8:51 PM", signal strength, battery level at "32%", and other icons. Below the header is a promotional banner featuring a meal consisting of two tacos filled with meat and vegetables, served with corn and beans. To the right of the meal, there is a green promotional box with the following text:
Get ₹75 Discount
Get 15% Cashback
A red circular badge in the center of the box says "DEAL OF THE DAY". The background of the promotional box has a decorative border with four stars at the top and bottom.

Rate us

Log out

About Us

Privacy Policy

 Home  Search  Offers  About

about_us.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/about1">
        <ImageView
            android:layout_width="match_parent"
            android:layout_height="400dp"
            android:layout_centerHorizontal="true"
            android:background="@drawable/myphoto"
            />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="(Mohd Arif the Developer of this Application)"
            android:textStyle="bold"
            android:textSize="15dp"
            android:layout_centerHorizontal="true"
            android:textColor="#000000"
            android:layout_marginTop="400dp"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/about1"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="I am developing this app for general purpose of view in order to make it
easier for common people to order beverages and thier favourite items at extremely low prices
the main aim of this application was to establish a well productive cafe meeting the people needs.
Contact info - +91 8810565494 mail - mohdaarif8299@gmail.com
"
                android:layout_marginLeft="20dp"
                android:layout_marginRight="30dp"
                />
        </RelativeLayout>
    </ScrollView>
</RelativeLayout>
```

```
        android:textColor="#000000"
        android:textSize="20dp"
        android:fontFamily="sans-serif-condensed"
    />
</RelativeLayout>
</ScrollView>
</RelativeLayout>
```

About.java

```
package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;

public class AboutPage extends AppCompatActivity {
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.aboutpage);
    }

    @Override
    public void onBackPressed() {
        super.onBackPressed();
        Intent intent = new Intent(getApplicationContext(), HomePage.class);
        startActivity(intent);
        finish();
    }
}
```

Tea Page

8:50 PM 0.02K/s VoLTE 32%

SEARCH FOR TEA ETC



WHITE TEA
@ Rs 15.00
BUY NOW



GREEN TEA
@ Rs 20.00
BUY NOW



OOLONG TEA
@ Rs 25.00
BUY NOW



tea.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    >
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:background="#ffffffff"
        >
        <EditText
            android:id="@+id/searchitem"
            android:layout_width="290dp"
            android:layout_marginLeft="60dp"
            android:layout_marginTop="10dp"
            android:layout_height="40dp"
            android:background="@null"
            android:hint="search for tea etc"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            android:textSize="15dp"
            android:layout_alignParentTop="true"
            />
        <ImageView
            android:id="@+id/searchbutton"
            android:layout_width="30dp"
            android:layout_height="30dp"
            android:background="@drawable/searchicon"
            android:layout_marginLeft="20dp"
            android:layout_marginTop="15dp"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginTop="60dp"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <RelativeLayout
                android:layout_width="340dp"
                android:layout_height="150dp"
```

```
    android:layout_marginLeft="10dp"
    android:layout_marginTop="20dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
  >
  <ImageView
    android:layout_width="150dp"
    android:layout_height="130dp"
    android:background="@drawable/t1"
  />
  <TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="white tea"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginLeft="230dp"
    android:layout_marginTop="20dp"
  />
  <TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text=" @ Rs 15.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="210dp"
  />
  <Button
    android:id="@+id/tea1"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
  />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="190dp"
    android:background="@drawable/homepagemenuitems"
```

```
    android:padding="15dp"
    >
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/t2"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="green tea"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="230dp"
        android:layout_marginTop="20dp"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=" @ Rs 20.00"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="210dp"
    />
    <Button
        android:id="@+id/tea2"
        android:layout_width="100dp"
        android:layout_height="40dp"
        android:background="@drawable/confirm_button"
        android:text="Buy now"
        android:textColor="#ffffff"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="80dp"
    />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="360dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
    >
    <ImageView
```

```
    android:layout_width="150dp"
    android:layout_height="130dp"
    android:background="@drawable/t3"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="oolong tea"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginLeft="220dp"
    android:layout_marginTop="20dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text=" @ Rs 25.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="210dp"
/>
<Button
    android:id="@+id/tea3"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="530dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/t4" />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="230dp"
    android:layout_marginTop="20dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="black tea"
    android:textColor="#000000" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="210dp"
    android:layout_marginTop="50dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text=" @ Rs 25.00"
    android:textColor="#000000" />

<Button
    android:id="@+id/tea4"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
    android:background="@drawable/confirm_button"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Buy now"
    android:textColor="#ffffff" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="700dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/t5" />

    <TextView
        android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:layout_marginLeft="220dp"
        android:layout_marginTop="20dp"
        android:fontFamily="sans-serif-smallcaps"
        android:text="herbal tea"
        android:textColor="#000000" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="220dp"
        android:layout_marginTop="50dp"
        android:fontFamily="sans-serif-smallcaps"
        android:text="@ Rs 27.00"
        android:textColor="#000000" />

    <Button
        android:id="@+id/tea5"
        android:layout_width="100dp"
        android:layout_height="40dp"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="80dp"
        android:background="@drawable/confirm_button"
        android:fontFamily="sans-serif-smallcaps"
        android:text="Buy now"
        android:textColor="#ffffff" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="870dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="match_parent"
        android:background="@drawable/t6" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="220dp"
        android:layout_marginTop="20dp"
```

```
        android:fontFamily="sans-serif-smallcaps"
        android:text="rooibos tea"
        android:textColor="#000000" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="220dp"
        android:layout_marginTop="50dp"
        android:fontFamily="sans-serif-smallcaps"
        android:text="@ Rs 30.00"
        android:textColor="#000000" />

    <Button
        android:id="@+id/tea6"
        android:layout_width="100dp"
        android:layout_height="40dp"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="80dp"
        android:background="@drawable/confirm_button"
        android:fontFamily="sans-serif-smallcaps"
        android:text="Buy now"
        android:textColor="#ffffff" />
    </RelativeLayout>
    <RelativeLayout
        android:layout_width="340dp"
        android:layout_height="150dp"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="1040dp"
        android:background="@drawable/homepagemenuitems"
        android:padding="15dp">
        <ImageView
            android:layout_width="150dp"
            android:layout_height="130dp"
            android:background="@drawable/t7"
            />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="mate tea"
            android:fontFamily="sans-serif-smallcaps"
            android:textColor="#000000"
            android:layout_marginLeft="230dp"
            android:layout_marginTop="20dp"
            />
    
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@ Rs 30.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="210dp"
/>
<Button
    android:id="@+id/tea7"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="1210dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
    android:layout_marginBottom="50dp"
>
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/t8"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="bloomy tea"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="220dp"
        android:layout_marginTop="20dp"
    />
    <TextView
        android:layout_width="wrap_content"
```

```

        android:layout_height="wrap_content"
        android:text=" @ Rs 30.00"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="220dp"
    />
<Button
    android:id="@+id/tea8"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
</RelativeLayout>

```

Tea.java

```

package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;

public class Tea extends AppCompatActivity {
    Button tea1,tea2,tea3,tea4,tea5,tea6,tea7,tea8;
    EditText searchitem;
    ImageView searchButton;
    String value;
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.tea);
    }
}

```

```
searchitem = findViewById(R.id.searchitem);
searchButton = findViewById(R.id.searchbutton);
searchButton.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        value = searchitem.getText().toString().trim();
        if(value.equalsIgnoreCase("white tea")) {
            Intent intent = new Intent(getApplicationContext(),Tea1.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("green tea")) {
            Intent intent = new Intent(getApplicationContext(),Tea2.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("oolong tea")) {
            Intent intent = new Intent(getApplicationContext(),Tea3.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("black tea")) {
            Intent intent = new Intent(getApplicationContext(),Tea4.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("herbal tea")) {
            Intent intent = new Intent(getApplicationContext(),Tea5.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("rooibos tea")) {
            Intent intent = new Intent(getApplicationContext(),Tea6.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("mate tea")) {
            Intent intent = new Intent(getApplicationContext(),Tea7.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("bloomy tea")) {
            Intent intent = new Intent(getApplicationContext(),Tea8.class);
            startActivity(intent);
            finish();
        }
    }
}
```

```
        else {
            Intent intent = new Intent(getApplicationContext(),NotFound.class);
            startActivity(intent);
            finish();
        }
    });
tea1 = findViewById(R.id.tea1);
tea1.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Tea1.class);
        startActivity(intent);
        finish();
    }
});
tea2 = findViewById(R.id.tea2);
tea2.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Tea2.class);
        startActivity(intent);
        finish();
    }
});
tea3 = findViewById(R.id.tea3);
tea3.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Tea3.class);
        startActivity(intent);
        finish();
    }
});
tea4 = findViewById(R.id.tea4);
tea4.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Tea4.class);
        startActivity(intent);
        finish();
    }
});
tea5 = findViewById(R.id.tea5);
tea5.setOnClickListener(new View.OnClickListener() {
    @Override
```

```
public void onClick(View v) {
    Intent intent = new Intent(getApplicationContext(),Tea5.class);
    startActivity(intent);
    finish();
}
});
tea6 = findViewById(R.id.tea6);
tea6.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Tea6.class);
        startActivity(intent);
        finish();
    }
});
tea7 = findViewById(R.id.tea7);
tea7.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Tea7.class);
        startActivity(intent);
        finish();
    }
});
tea8 = findViewById(R.id.tea8);
tea8.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Tea8.class);
        startActivity(intent);
        finish();
    }
});
}
@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),HomePage.class);
    startActivity(intent);
    finish();
}
}
```

Tea1

11:11 PM ... 0.81K/s 4G VoLTE 77%

GREEN TEA



GREEN TEA + 1 -

TOTAL RS 20.00

DESCRIPTION

Green tea was used in traditional Chinese and Indian medicine to control bleeding and heal wounds, aid digestion, improve heart and mental health.

 ENTER MOBILE NUMBER

ORDER

tea1.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#fffff"
    >
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/heading"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="White Tea"
            android:textAlignment="center"
            android:layout_marginLeft="110dp"
            android:textSize="30dp"
            android:id="@+id/items"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/slide1"
        android:layout_below="@+id/heading"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="700dp"
            >
            <RelativeLayout
                android:id="@+id/content1"
                android:layout_width="320dp"
                android:layout_height="match_parent"
                android:layout_marginTop="50dp"
                android:layout_marginLeft="20dp"
                android:padding="20dp"
                >
                <ImageView
                    android:background="@drawable/t1"
```

```
    android:layout_width="match_parent"
    android:layout_height="200dp"
/>
<TextView
    android:id="@+id/text1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="205dp"
    android:textColor="#000000"
    android:text="white tea"
    android:fontFamily="sans-serif-smallcaps"
    android:textSize="15dp"
/>
<Button
    android:layout_width="30dp"
    android:id="@+id/plusicon"
    android:layout_height="30dp"
    android:background="@drawable/plus1"
    android:layout_marginTop="210dp"
    android:layout_marginLeft="190dp"
/>
<TextView
    android:id="@+id/value"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:textSize="15dp"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="210dp"
    android:padding="5dp"
    android:text="1"
    android:layout_marginLeft="220dp"
/>
<Button
    android:id="@+id/minus"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginLeft="250dp"
    android:layout_marginTop="210dp"
    android:background="@drawable/minus1"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```

```
        android:text="Total rs "
        android:textColor="#000000"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="240dp"
    />
<TextView
    android:id="@+id/amount"
    android:layout_width="60dp"
    android:layout_height="20dp"
    android:text="15.00"
    android:textColor="#000000"
    android:layout_marginTop="240dp"
    android:layout_marginLeft="100dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Description"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="270dp"
    android:textStyle="bold"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textColor="#000000"
    android:fontFamily="cursive"
    android:textSize="20dp"
    android:text="White tea is made from the leaves of the Camellia sinensis plant. This
is the same plant that is used to make other kinds of tea, such as green or black tea.
It is harvested mainly in China but is also produced in other regions, such as Thailand, India,
Taiwan and Nepal."
    android:layout_marginTop="300dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
<EditText
    android:id="@+id/getMobile"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="50dp"
    android:layout_marginLeft="0dp"
    android:inputType="number"
```

```

    android:background="#ffffffff"
    android:drawableLeft="@drawable/phoneicon"
    android:hint="Enter Mobile Number"
    android:fontFamily="sans-serif-smallcaps"
    android:textAlignment="center"
    />
<Button
    android:id="@+id/orderButton"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:text="Order"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="0dp"
    android:layout_alignParentBottom="true"
    android:background="@drawable/confirm_button"
    android:layout_marginBottom="0dp"
    />
</RelativeLayout>
```

Teal.java

```

package com.example.mohdarif.dostea;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.support.v4.app.NotificationCompat;
import android.support.v7.app.AppCompatActivity;
import android.telephony.SmsManager;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class Teal extends AppCompatActivity {
    Button confirm,add,sub;
    EditText getMobile;
    TextView value,amount;
    int countOrderId=1,countOrderNumber=1,countOrder=0;
    final float initailAmount = (float) 15.00;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
```

```

super.onCreate(savedInstanceState);
setContentView(R.layout.teal);
value = findViewById(R.id.value);
amount = findViewById(R.id.amount);
add = findViewById(R.id.plusicon);
add.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber++;
        if(countOrderNumber>10) {
            Toast.makeText(getApplicationContext(),"maximum quantity only 10 at a
time",Toast.LENGTH_LONG).show();
        }
        else{
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
sub = findViewById(R.id_MINUS);
sub.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber--;
        if(countOrderNumber<1) {
            Toast.makeText(getApplicationContext(),"only 1
selected",Toast.LENGTH_LONG).show();
        }
        else {
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
getMobile = findViewById(R.id.getMobile);
confirm = findViewById(R.id.orderButton);
confirm.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderId++;
        String number = getMobile.getText().toString().trim();
        if(number.isEmpty()||number.length()<10) {
            Toast.makeText(getApplicationContext(),"Enter a valid
number",Toast.LENGTH_LONG).show();
            getMobile.requestFocus();
        }
    }
});

```

```

        else {
            addNotification();
            SmsManager sms= SmsManager.getDefault();
            sms.sendTextMessage(number, null, "Your Order for "+countOrderNumber+ "
White Tea has been confirmed Kindly Par Rs "+amount.getText(),null,null);
            Toast.makeText(getApplicationContext(), "Order recieived successfully!",
                    Toast.LENGTH_LONG).show();
            Intent intent1 = new Intent(getApplicationContext(),ConfirmOrder.class);
            startActivity(intent1);
        }
    });
}
private void addNotification() {
    NotificationCompat.Builder builder =
        new NotificationCompat.Builder(this)
        .setSmallIcon(R.drawable.notificationicon)
        .setContentTitle("Dostea")
        .setContentText(IceCream1.notification);
    Intent notificationIntent = new Intent(this, MainActivity.class);
    PendingIntent contentIntent = PendingIntent.getActivity(this, 0, notificationIntent,
            PendingIntent.FLAG_UPDATE_CURRENT);
    builder.setContentIntent(contentIntent);

    //Add as notification
    NotificationManager manager = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);
    manager.notify(0, builder.build());
}

@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),Tea.class);
    startActivity(intent);
    finish();
}
}

```

Tea 2

11:16 PM 0.00K/s VolTE 78%

GREEN TEA



GREEN TEA + 1 -

TOTAL RS 20.00

DESCRIPTION

Green tea was used in traditional Chinese and Indian medicine to control bleeding and heal wounds, aid digestion, improve heart and mental health. It is also believed to have anti-cancer properties.



ORDER

tea2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#fffff"
    >
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/heading"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Green Tea"
            android:textAlignment="center"
            android:layout_marginLeft="110dp"
            android:textSize="30dp"
            android:id="@+id/items"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/slide1"
        android:layout_below="@+id/heading"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="750dp"
            >
            <RelativeLayout
                android:id="@+id/content1"
                android:layout_width="320dp"
                android:layout_height="match_parent"
                android:layout_marginTop="50dp"
                android:layout_marginLeft="20dp"
                android:padding="20dp"
                >
                <ImageView
                    android:background="@drawable/t2"
                    >
```

```
    android:layout_width="match_parent"
    android:layout_height="200dp"
/>
<TextView
    android:id="@+id/text1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="205dp"
    android:textColor="#000000"
    android:text="green tea"
    android:fontFamily="sans-serif-smallcaps"
    android:textSize="15dp"
/>
<Button
    android:layout_width="30dp"
    android:id="@+id/plusicon"
    android:layout_height="30dp"
    android:background="@drawable/plus1"
    android:layout_marginTop="210dp"
    android:layout_marginLeft="190dp"
/>
<TextView
    android:id="@+id/value"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:textSize="15dp"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="210dp"
    android:padding="5dp"
    android:text="1"
    android:layout_marginLeft="220dp"
/>
<Button
    android:id="@+id/minus"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginLeft="250dp"
    android:layout_marginTop="210dp"
    android:background="@drawable/minus1"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```

```
        android:text="Total rs "
        android:textColor="#000000"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="240dp"
    />
<TextView
    android:id="@+id/amount"
    android:layout_width="60dp"
    android:layout_height="20dp"
    android:text="20.00"
    android:textColor="#000000"
    android:layout_marginTop="240dp"
    android:layout_marginLeft="100dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Description"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="270dp"
    android:textStyle="bold"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textColor="#000000"
    android:fontFamily="cursive"
    android:textSize="20dp"
    android:text="Green tea was used in traditional Chinese and Indian medicine to
control bleeding and heal wounds, aid digestion, improve heart and mental health, and regulate
body temperature.
Recent studies have shown green tea can potentially have positive effects on everything from
weight loss to liver disorders, type 2 diabetes, and Alzheimer's disease."
    android:layout_marginTop="300dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
<EditText
    android:id="@+id/getMobile"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="50dp"
    android:layout_marginLeft="0dp"
```

```

    android:inputType="number"
    android:background="#ffffffff"
    android:drawableLeft="@drawable/phoneicon"
    android:hint="Enter Mobile Number"
    android:fontFamily="sans-serif-smallcaps"
    android:textAlignment="center"
/>
<Button
    android:id="@+id/orderButton"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:text="Order"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="0dp"
    android:layout_alignParentBottom="true"
    android:background="@drawable/confirm_button"
    android:layout_marginBottom="0dp"
/>
</RelativeLayout>

```

Tea2.java

```

package com.example.mohdarif.dostea;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.support.v4.app.NotificationCompat;
import android.support.v7.app.AppCompatActivity;
import android.telephony.SmsManager;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class Tea2 extends AppCompatActivity {
    Button confirm,add,sub;
    EditText getMobile;
    TextView value,amount;
    int countOrderId=1,countOrderNumber=1;
    final float initailAmount = (float) 20.00;
    @Override

```

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.tea2);
    value = findViewById(R.id.value);
    amount = findViewById(R.id.amount);
    add = findViewById(R.id.plusicon);
    add.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            countOrderNumber++;
            if(countOrderNumber>10) {
                Toast.makeText(getApplicationContext(),"maximum quantity only 10 at a
time",Toast.LENGTH_LONG).show();
            }
            else{
                value.setText(""+countOrderNumber);
                amount.setText(""+initailAmount*countOrderNumber);
            }
        }
    });
    sub = findViewById(R.id_MINUS);
    sub.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            countOrderNumber--;
            if(countOrderNumber<1) {
                Toast.makeText(getApplicationContext(),"only 1
selected",Toast.LENGTH_LONG).show();
            }
            else {
                value.setText(""+countOrderNumber);
                amount.setText(""+initailAmount*countOrderNumber);
            }
        }
    });
    getMobile = findViewById(R.id.getMobile);
    confirm = findViewById(R.id.orderButton);
    confirm.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            countOrderId++;
            String number = getMobile.getText().toString().trim();
            if(number.isEmpty()||number.length()<10) {
                Toast.makeText(getApplicationContext(),"Enter a valid
number",Toast.LENGTH_LONG).show();
                getMobile.requestFocus();
            }
        }
    });
}

```

```

    }
    else {
        addNotification();
        SmsManager sms= SmsManager.getDefault();
        sms.sendTextMessage(number, null, "Your Order for "+countOrderNumber+" "
Green Tea has been confirmed Kindly Par Rs "+amount.getText(),null,null);
        Toast.makeText(getApplicationContext(), "Order received successfully!",
            Toast.LENGTH_LONG).show();
        Intent intent1 = new Intent(getApplicationContext(),ConfirmOrder.class);
        startActivity(intent1);
    }
}
private void addNotification() {
    NotificationCompat.Builder builder =
        new NotificationCompat.Builder(this)
            .setSmallIcon(R.drawable.notificationicon)
            .setContentTitle("Dostea")
            .setContentText(IceCream1.notification);
    Intent notificationIntent = new Intent(this, MainActivity.class);
    PendingIntent contentIntent = PendingIntent.getActivity(this, 0, notificationIntent,
        PendingIntent.FLAG_UPDATE_CURRENT);
    builder.setContentIntent(contentIntent);

    // Add as notification
    NotificationManager manager = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);
    manager.notify(0, builder.build());
}

@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),Tea.class);
    startActivity(intent);
    finish();
}
}

```

Coffee

8:51 PM 0.00K/s VoLTE 32%

SEARCH FOR COFFEE ETC



CAFFÈ AMERICANO
@ Rs 49.00
BUY NOW



CAFÉ LATTE
@ Rs 49.00
BUY NOW



CAPPUCCINO
@ Rs 59.00
BUY NOW

coffee.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    >
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:background="#ffffffff"
        >
        <EditText
            android:id="@+id/searchitem"
            android:layout_width="290dp"
            android:layout_marginLeft="60dp"
            android:layout_marginTop="10dp"
            android:layout_height="40dp"
            android:background="@null"
            android:hint="search for coffee etc"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            android:textSize="15dp"
            android:layout_alignParentTop="true"
            />
        <ImageView
            android:id="@+id/searchbutton"
            android:layout_width="30dp"
            android:layout_height="30dp"
            android:background="@drawable/searchicon"
            android:layout_marginLeft="20dp"
            android:layout_marginTop="15dp"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginTop="60dp"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <RelativeLayout
                android:layout_width="340dp"
                android:layout_height="150dp"
```

```
    android:layout_marginLeft="10dp"
    android:layout_marginTop="20dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
  >
  <ImageView
    android:layout_width="150dp"
    android:layout_height="130dp"
    android:background="@drawable/c1"
  />
  <TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="caffè americano"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginLeft="190dp"
    android:layout_marginTop="20dp"
  />
  <TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text=" @ Rs 49.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="210dp"
  />
  <Button
    android:id="@+id/coffe1"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
  />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="190dp"
    android:background="@drawable/homepagemenuitems"
```

```
    android:padding="15dp"
    >
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/c2"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="café latte"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="230dp"
        android:layout_marginTop="20dp"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=" @ Rs 49.00"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="210dp"
    />
    <Button
        android:id="@+id/coffee2"
        android:layout_width="100dp"
        android:layout_height="40dp"
        android:background="@drawable/confirm_button"
        android:text="Buy now"
        android:textColor="#ffffff"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="80dp"
    />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="360dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
    >
    <ImageView
```

```
    android:layout_width="150dp"
    android:layout_height="130dp"
    android:background="@drawable/c3"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="cappuccino"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginLeft="220dp"
    android:layout_marginTop="20dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text=" @ Rs 59.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="210dp"
/>
<Button
    android:id="@+id/coffee3"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="530dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/c4" />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="230dp"
    android:layout_marginTop="20dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="espresso"
    android:textColor="#000000" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="210dp"
    android:layout_marginTop="50dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text=" @ Rs 79.00"
    android:textColor="#000000" />

<Button
    android:id="@+id/coffee4"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
    android:background="@drawable/confirm_button"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Buy now"
    android:textColor="#ffffff" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="700dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/c5" />

    <TextView
        android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:layout_marginLeft="220dp"
        android:layout_marginTop="20dp"
        android:fontFamily="sans-serif-smallcaps"
        android:text="flat white"
        android:textColor="#000000" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="220dp"
        android:layout_marginTop="50dp"
        android:fontFamily="sans-serif-smallcaps"
        android:text="@ Rs 79.00"
        android:textColor="#000000" />

    <Button
        android:id="@+id/coffee5"
        android:layout_width="100dp"
        android:layout_height="40dp"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="80dp"
        android:background="@drawable/confirm_button"
        android:fontFamily="sans-serif-smallcaps"
        android:text="Buy now"
        android:textColor="#ffffff" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="870dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="match_parent"
        android:background="@drawable/c6" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="220dp"
        android:layout_marginTop="20dp"
```

```
    android:fontFamily="sans-serif-smallcaps"
    android:text="long black"
    android:textColor="#000000" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="220dp"
    android:layout_marginTop="50dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="@ Rs 80.00"
    android:textColor="#000000" />

<Button
    android:id="@+id/coffee6"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
    android:background="@drawable/confirm_button"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Buy now"
    android:textColor="#ffffff" />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="1040dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/c7"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="irish coffee"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="230dp"
        android:layout_marginTop="20dp"
        />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@ Rs 89.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="210dp"
/>
<Button
    android:id="@+id/coffee7"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="1210dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
    android:layout_marginBottom="50dp"
>
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/c8"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="macchiato"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="220dp"
        android:layout_marginTop="20dp"
    />
    <TextView
        android:layout_width="wrap_content"
```

```

        android:layout_height="wrap_content"
        android:text=" @ Rs 99.00"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="220dp"
    />
<Button
    android:id="@+id/coffee8"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
</RelativeLayout>

```

Coffee.java

```

package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
public class Coffee extends AppCompatActivity {
    Button coffee1,coffee2,coffee3,coffee4,coffee5,coffee6,coffee7,coffee8;
    EditText searchitem;
    ImageView searchButton;
    String value;
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.coffee);
        searchitem = findViewById(R.id.searchitem);
    }
}

```

```
searchButton = findViewById(R.id.searchbutton);
searchButton.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        value = searchitem.getText().toString().trim();
        if(value.equalsIgnoreCase("coffee americano")) {
            Intent intent = new Intent(getApplicationContext(),Coffee1.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("coffee latte")) {
            Intent intent = new Intent(getApplicationContext(),Coffee2.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("cappuccino")) {
            Intent intent = new Intent(getApplicationContext(),Coffee3.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("espresso")) {
            Intent intent = new Intent(getApplicationContext(),Coffee4.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("flat white")) {
            Intent intent = new Intent(getApplicationContext(),Coffee5.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("long black")) {
            Intent intent = new Intent(getApplicationContext(),Coffee6.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("irish coffee")) {
            Intent intent = new Intent(getApplicationContext(),Coffee7.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("macchiato")) {
            Intent intent = new Intent(getApplicationContext(),Coffee8.class);
            startActivity(intent);
            finish();
        }
        else {
```

```
Intent intent = new Intent(getApplicationContext(),NotFound.class);
startActivity(intent);
finish();
}
});
String searchValue = searchitem.getText().toString().trim();
if(searchValue.equals("Coffee Americano")) {
    Intent intent = new Intent(getApplicationContext(),Coffee1.class);
    startActivity(intent);
    finish();
}
coffee1 = findViewById(R.id.coffee1);
coffee1.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Coffee1.class);
        startActivity(intent);
        finish();
    }
});
coffee2 = findViewById(R.id.coffee2);
coffee2.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Coffee2.class);
        startActivity(intent);
        finish();
    }
});
coffee3 = findViewById(R.id.coffee3);
coffee3.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Coffee3.class);
        startActivity(intent);
        finish();
    }
});
coffee4 = findViewById(R.id.coffee4);
coffee4.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Coffee4.class);
        startActivity(intent);
        finish();
    }
});
```

```
        }
    });
coffee5 = findViewById(R.id.coffee5);
coffee5.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(), Coffee5.class);
        startActivity(intent);
        finish();
    }
});
coffee6 = findViewById(R.id.coffee6);
coffee6.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(), Coffee6.class);
        startActivity(intent);
        finish();
    }
});
coffee7 = findViewById(R.id.coffee7);
coffee7.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(), Coffee7.class);
        startActivity(intent);
        finish();
    }
});
coffee8 = findViewById(R.id.coffee8);
coffee8.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(), Coffee8.class);
        startActivity(intent);
        finish();
    }
});
}
@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(), HomePage.class);
    startActivity(intent);
    finish();
}
```

Coffee1

12:32 AM

... 0.00K/s 4G VoLTE 78%

COFFEE AMERICANO



CAFFÈ AMERICANO

+

1

-

TOTAL RS 49.00

DESCRIPTION

You can make this type of coffee quite simply by adding hot water to a shot of espresso coffee. It has been said that American soldiers during the Second World War ...



ENTER MOBILE NUMBER

ORDER

coffee1.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#ffffff"
    >
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/heading"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Coffee Americano"
            android:textAlignment="center"
            android:layout_marginLeft="60dp"
            android:textSize="30dp"
            android:id="@+id/items"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/slide1"
        android:layout_below="@+id/heading"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="700dp"
            >
            <RelativeLayout
                android:id="@+id/content1"
                android:layout_width="320dp"
                android:layout_height="match_parent"
                android:layout_marginTop="50dp"
                android:layout_marginLeft="20dp"
                android:padding="20dp"
                >
                <ImageView
                    android:background="@drawable/c1"
```

```
    android:layout_width="match_parent"
    android:layout_height="200dp"
/>
<TextView
    android:id="@+id/text1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="205dp"
    android:textColor="#000000"
    android:text="Caffè Americano"
    android:fontFamily="sans-serif-smallcaps"
    android:textSize="15dp"
/>
<Button
    android:layout_width="30dp"
    android:id="@+id/plusicon"
    android:layout_height="30dp"
    android:background="@drawable/plus1"
    android:layout_marginTop="210dp"
    android:layout_marginLeft="190dp"
/>
<TextView
    android:id="@+id/value"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:textSize="15dp"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="210dp"
    android:padding="5dp"
    android:text="1"
    android:layout_marginLeft="220dp"
/>
<Button
    android:id="@+id/minus"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginLeft="250dp"
    android:layout_marginTop="210dp"
    android:background="@drawable/minus1"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```

```
        android:text="Total rs "
        android:textColor="#000000"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="240dp"
    />
<TextView
    android:id="@+id/amount"
    android:layout_width="60dp"
    android:layout_height="20dp"
    android:text="49.00"
    android:textColor="#000000"
    android:layout_marginTop="240dp"
    android:layout_marginLeft="100dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Description"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="270dp"
    android:textStyle="bold"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textColor="#000000"
    android:fontFamily="cursive"
    android:textSize="20dp"
    android:text="You can make this type of coffee quite simply by adding hot water to
a shot of espresso coffee. It has been said that American soldiers during the Second World War
would make this type of coffee to make their beverages last longer. It was then (apparently)
adopted by American baristas after the war."
    android:layout_marginTop="300dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
<EditText
    android:id="@+id/getMobile"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="50dp"
    android:layout_marginLeft="0dp"
    android:inputType="number"
```

```

    android:background="#ffffffff"
    android:drawableLeft="@drawable/phoneicon"
    android:hint="Enter Mobile Number"
    android:fontFamily="sans-serif-smallcaps"
    android:textAlignment="center"
    />
<Button
    android:id="@+id/orderButton"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:text="Order"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="0dp"
    android:layout_alignParentBottom="true"
    android:background="@drawable/confirm_button"
    android:layout_marginBottom="0dp"
    />
</RelativeLayout>
```

Coffee1.java

```

package com.example.mohdarif.dostea;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.support.v4.app.NotificationCompat;
import android.support.v7.app.AppCompatActivity;
import android.telephony.SmsManager;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class Coffee1 extends AppCompatActivity {
    Button confirm,add,sub;
    TextView value,amount;
    EditText getMobile;
    int countOrderId=101,countOrderNumber=1;
    final float initailAmount = (float) 49.00;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
```

```
super.onCreate(savedInstanceState);
setContentView(R.layout.coffee1);
value = findViewById(R.id.value);
amount = findViewById(R.id.amount);
add = findViewById(R.id.plusicon);
add.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber++;
        if(countOrderNumber>10) {
            Toast.makeText(getApplicationContext(),"maximum quantity only 10 at a
time",Toast.LENGTH_LONG).show();
        }
        else{
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
sub = findViewById(R.id_MINUS);
sub.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber--;
        if(countOrderNumber<1) {
            Toast.makeText(getApplicationContext(),"only 1
selected",Toast.LENGTH_LONG).show();
        }
        else {
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
confirm = findViewById(R.id.orderButton);
getMobile = findViewById(R.id.getMobile);
confirm.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderId++;
        String number = getMobile.getText().toString().trim();
        if(number.isEmpty()||number.length()<10) {
            Toast.makeText(getApplicationContext(),"Enter a valid
number",Toast.LENGTH_LONG).show();
            getMobile.requestFocus();
        }
    }
});
```

```

        else {
            addNotification();
            SmsManager sms= SmsManager.getDefault();
            sms.sendTextMessage(number, null, "Your Order for "+countOrderNumber+" "
Coffee Americano has been confirmed Kindly Par Rs "+amount.getText(),null,null);

            Toast.makeText(getApplicationContext(), "Order received successfully!",
                Toast.LENGTH_LONG).show();
            Intent intent1 = new Intent(getApplicationContext(),ConfirmOrder.class);
            startActivity(intent1);
        }
    });
}

private void addNotification() {
    NotificationCompat.Builder builder =
        new NotificationCompat.Builder(this)
            .setSmallIcon(R.drawable.notificationicon)
            .setContentTitle("Dostea")
            .setContentText(IceCream1.notification);
    Intent notificationIntent = new Intent(this, MainActivity.class);
    PendingIntent contentIntent = PendingIntent.getActivity(this, 0, notificationIntent,
        PendingIntent.FLAG_UPDATE_CURRENT);
    builder.setContentIntent(contentIntent);

    // Add as notification
    NotificationManager manager = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);
    manager.notify(0, builder.build());
}

@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),Coffee.class);
    startActivity(intent);
    finish();
}
}

```

Coffee2

12:36 AM

0.00K/S 4G VoLTE 79%

CAPPUCCINO



CAPPUCCINO

+ 1 -

TOTAL RS 59.00

DESCRIPTION

Possibly the most popular type of coffee in the world, a cappuccino consists of three layers (kind of like a cake). The first is a shot of espresso, then a shot of milk, and finally a layer of foam.



ENTER MOBILE NUMBER

ORDER

coffee2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#ffffff"
    >
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/heading"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Coffee Latte"
            android:textAlignment="center"
            android:layout_marginLeft="100dp"
            android:textSize="30dp"
            android:id="@+id/items"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/slidel1"
        android:layout_below="@+id/heading"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="700dp"
            >
            <RelativeLayout
                android:id="@+id/content1"
                android:layout_width="320dp"
                android:layout_height="match_parent"
                android:layout_marginTop="50dp"
                android:layout_marginLeft="20dp"
                android:padding="20dp"
                >
```

```
<ImageView
    android:background="@drawable/c2"
    android:layout_width="match_parent"
    android:layout_height="200dp"
/>
<TextView
    android:id="@+id/text1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="205dp"
    android:textColor="#000000"
    android:text="Café Latte"
    android:fontFamily="sans-serif-smallcaps"
    android:textSize="15dp"
/>
<Button
    android:layout_width="30dp"
    android:id="@+id/plusicon"
    android:layout_height="30dp"
    android:background="@drawable/plus1"
    android:layout_marginTop="210dp"
    android:layout_marginLeft="190dp"
/>
<TextView
    android:id="@+id/value"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:textSize="15dp"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="210dp"
    android:padding="5dp"
    android:text="1"
    android:layout_marginLeft="220dp"
/>
<Button
    android:id="@+id/minus"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginLeft="250dp"
    android:layout_marginTop="210dp"
    android:background="@drawable/minus1"
/>
<TextView
```

```
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Total rs "
        android:textColor="#000000"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="240dp"
    />
<TextView
    android:id="@+id/amount"
    android:layout_width="60dp"
    android:layout_height="20dp"
    android:text="49.00"
    android:textColor="#000000"
    android:layout_marginTop="240dp"
    android:layout_marginLeft="100dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Description"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="270dp"
    android:textStyle="bold"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textColor="#000000"
    android:fontFamily="cursive"
    android:textSize="20dp"
    android:text="A fairly popular option for coffee drinkers, a latte consists steamed
(or scolded) milk and a single shot of coffee. It is usually quite frothy, and you'll occasionally
encounter cafes that don't understand the difference between this and a flat white."
    android:layout_marginTop="300dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
<EditText
    android:id="@+id/getMobile"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="50dp"
    android:layout_marginLeft="0dp"
```

```

    android:inputType="number"
    android:background="#ffffffff"
    android:drawableLeft="@drawable/phoneicon"
    android:hint="Enter Mobile Number"
    android:fontFamily="sans-serif-smallcaps"
    android:textAlignment="center"
    />
<Button
    android:id="@+id/orderButton"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:text="Order"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="0dp"
    android:layout_alignParentBottom="true"
    android:background="@drawable/confirm_button"
    android:layout_marginBottom="0dp"
    />
</RelativeLayout>
```

Coffee2.java

```

package com.example.mohdarif.dostea;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.support.v4.app.NotificationCompat;
import android.support.v7.app.AppCompatActivity;
import android.telephony.SmsManager;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class Coffee2 extends AppCompatActivity {
    Button confirm,add,sub;
    TextView value,amount;
    EditText getMobile;
    int countOrderId=101,countOrderNumber=1;
    final float initailAmount = (float) 49.00;
    @Override
```

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.coffee2);
    value = findViewById(R.id.value);
    amount = findViewById(R.id.amount);
    add = findViewById(R.id.plusicon);
    add.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            countOrderNumber++;
            if(countOrderNumber>10) {
                Toast.makeText(getApplicationContext(),"maximum quantity only 10 at a
time",Toast.LENGTH_LONG).show();
            }
            else{
                value.setText(""+countOrderNumber);
                amount.setText(""+initailAmount*countOrderNumber);
            }
        }
    });
    sub = findViewById(R.id_MINUS);
    sub.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            countOrderNumber--;
            if(countOrderNumber<1) {
                Toast.makeText(getApplicationContext(),"only 1
selected",Toast.LENGTH_LONG).show();
            }
            else {
                value.setText(""+countOrderNumber);
                amount.setText(""+initailAmount*countOrderNumber);
            }
        }
    });
    confirm = findViewById(R.id.orderButton);
    getMobile = findViewById(R.id.getMobile);
    confirm.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            countOrderId++;
            String number = getMobile.getText().toString().trim();
            if(number.isEmpty()||number.length()<10) {
                Toast.makeText(getApplicationContext(),"Enter a valid
number",Toast.LENGTH_LONG).show();
                getMobile.requestFocus();
            }
        }
    });
}

```

```

    }
    else {
        addNotification();
        Intent intent=new Intent(getApplicationContext(),MainActivity.class);
        PendingIntent pi=PendingIntent.getActivity(getApplicationContext(), 0, intent,0);

        //Get the SmsManager instance and call the sendTextMessage method to send
        message
        SmsManager sms= SmsManager.getDefault();
        sms.sendTextMessage(number, null, "Your Order for "+countOrderNumber+
        Coffee Latte has been confirmed Kindly Par Rs "+amount.getText(),null,null);

        Toast.makeText(getApplicationContext(), "Order received successfully!",
        Toast.LENGTH_LONG).show();
        Intent intent1 = new Intent(getApplicationContext(),ConfirmOrder.class);
        startActivity(intent1);
    }
}
});

private void addNotification() {
    NotificationCompat.Builder builder =
    new NotificationCompat.Builder(this)
        .setSmallIcon(R.drawable.notificationicon)
        .setContentTitle("Dostea")
        .setContentText(IceCream1.notification);
    Intent notificationIntent = new Intent(this, MainActivity.class);
    PendingIntent contentIntent = PendingIntent.getActivity(this, 0, notificationIntent,
        PendingIntent.FLAG_UPDATE_CURRENT);
    builder.setContentIntent(contentIntent);

    // Add as notification
    NotificationManager manager = (NotificationManager)
    getSystemService(Context.NOTIFICATION_SERVICE);
    manager.notify(0, builder.build());
}

@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),Coffee.class);
    startActivity(intent);
    finish();
}
}

```

Cookies

12:39 AM 0.09K/s 4G VoLTE 79%

SEARCH FOR COOKIES ETC



**DARK CHOCOLATE
PISTACHIO SEA SALT
COOKIES**
@ Rs 29.00

BUY NOW



**CINNAMON ROLL
SUGAR COOKIES**
@ Rs 29.00

BUY NOW



**BROWN BUTTER
OATMEAL COOKIES**
@ Rs 49.00

BUY NOW

cookies.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    >
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:background="#ffffffff"
        >
        <EditText
            android:id="@+id/searchitem"
            android:layout_width="290dp"
            android:layout_marginLeft="60dp"
            android:layout_marginTop="10dp"
            android:layout_height="40dp"
            android:background="@null"
            android:hint="search for cookies etc"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            android:textSize="15dp"
            android:layout_alignParentTop="true"
            />
        <ImageView
            android:id="@+id/searchbutton"
            android:layout_width="30dp"
            android:layout_height="30dp"
            android:background="@drawable/searchicon"
            android:layout_marginLeft="20dp"
            android:layout_marginTop="15dp"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginTop="60dp"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <RelativeLayout
                android:layout_width="340dp"
                android:layout_height="150dp"
```

```
    android:layout_marginLeft="10dp"
    android:layout_marginTop="20dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
  >
  <ImageView
    android:layout_width="150dp"
    android:layout_height="130dp"
    android:background="@drawable/bis1"
  />
  <TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Dark Chocolate Pistachio Sea Salt Cookies"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginLeft="190dp"
    android:layout_marginTop="0dp"
  />
  <TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text=" @ Rs 29.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="55dp"
    android:layout_marginLeft="210dp"
  />
  <Button
    android:id="@+id/cookie1"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
  />
</RelativeLayout>
<RelativeLayout
  android:layout_width="340dp"
  android:layout_height="150dp"
  android:layout_marginLeft="10dp"
  android:layout_marginTop="190dp"
  android:background="@drawable/homepagemenuitems"
```

```
    android:padding="15dp"
    >
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/bis2"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Cinnamon Roll Sugar Cookies"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="10dp"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=" @ Rs 29.00"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="210dp"
    />
    <Button
        android:id="@+id/cookie2"
        android:layout_width="100dp"
        android:layout_height="40dp"
        android:background="@drawable/confirm_button"
        android:text="Buy now"
        android:textColor="#ffffff"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="80dp"
    />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="360dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
    >
    <ImageView
```

```
    android:layout_width="150dp"
    android:layout_height="130dp"
    android:background="@drawable/bis3"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Brown Butter Oatmeal Cookies"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="10dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text=" @ Rs 49.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="210dp"
/>
<Button
    android:id="@+id/cookie3"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="530dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/bis4" />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="210dp"
    android:layout_marginTop="10dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Kitsilano Cookies"
    android:textColor="#000000" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="210dp"
    android:layout_marginTop="50dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text=" @ Rs 49.00"
    android:textColor="#000000" />

<Button
    android:id="@+id/cookie4"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
    android:background="@drawable/confirm_button"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Buy now"
    android:textColor="#ffffff" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="700dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/bis5" />

    <TextView
        android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
    android:layout_marginLeft="190dp"
    android:layout_marginTop="0dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Brown Butter Bourbon Spice Cookies"
    android:textColor="#000000" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="220dp"
    android:layout_marginTop="55dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="@ Rs 79.00"
    android:textColor="#000000" />

<Button
    android:id="@+id/cookie5"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
    android:background="@drawable/confirm_button"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Buy now"
    android:textColor="#ffffff" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="870dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

<ImageView
    android:layout_width="150dp"
    android:layout_height="match_parent"
    android:background="@drawable/bis6" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="10dp"
```

```
    android:fontFamily="sans-serif-smallcaps"
    android:text="Jelly Sandwich Cookies"
    android:textColor="#000000" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="220dp"
    android:layout_marginTop="50dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="@ Rs 80.00"
    android:textColor="#000000" />

<Button
    android:id="@+id/cookie6"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
    android:background="@drawable/confirm_button"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Buy now"
    android:textColor="#ffffff" />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="1040dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/bis7"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Caramel Pecan Snickerdoodle Cookies"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="190dp"
        android:layout_marginTop="0dp"
        />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@ Rs 89.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="55dp"
    android:layout_marginLeft="210dp"
/>
<Button
    android:id="@+id/cookie7"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="1210dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
    android:layout_marginBottom="50dp"
>
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/bis8"
    />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Apricot Pistachio Oatmeal Cookies"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="190dp"
        android:layout_marginTop="10dp"
    />
    <TextView
        android:layout_width="wrap_content"
```

```

        android:layout_height="wrap_content"
        android:text=" @ Rs 99.00"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="220dp"
    />
<Button
    android:id="@+id/cookie8"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
</RelativeLayout>

```

Cookie.java

```

package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;

public class Cookie extends AppCompatActivity {
    Button cookie1,cookie2,cookie3,cookie4,cookie5,cookie6,cookie7,cookie8;
    EditText searchitem;
    ImageView searchButton;
    String value;
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.cookie);
    }
}

```

```
searchitem = findViewById(R.id.searchitem);
searchButton = findViewById(R.id.searchbutton);
searchButton.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        value = searchitem.getText().toString().trim();
        if(value.equalsIgnoreCase("Dark Chocolate Pistachio Sea Salt Cookies")) {
            Intent intent = new Intent(getApplicationContext(),Cookie1.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("Cinnamon Roll Sugar Cookies")) {
            Intent intent = new Intent(getApplicationContext(),Cookie2.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("Brown Butter Oatmeal Cookies")) {
            Intent intent = new Intent(getApplicationContext(),Cookie3.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("Kitsilano Cookies")) {
            Intent intent = new Intent(getApplicationContext(),Cookie4.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("Brown Butter Bourbon Spice Cookies")) {
            Intent intent = new Intent(getApplicationContext(),Cookie5.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("Jelly Sandwich Cookies")) {
            Intent intent = new Intent(getApplicationContext(),Cookie6.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("Caramel Pecan Snickerdoodle Cookies")) {
            Intent intent = new Intent(getApplicationContext(),Cookie7.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("Apricot Pistachio Oatmeal Cookies")) {
            Intent intent = new Intent(getApplicationContext(),Cookie8.class);
            startActivity(intent);
            finish();
        }
    }
}
```

```
        else {
            Intent intent = new Intent(getApplicationContext(),NotFound.class);
            startActivity(intent);
            finish();
        }
    });
cookie1 = findViewById(R.id.cookie1);
cookie1.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Cookie1.class);
        startActivity(intent);
        finish();
    }
});
cookie2 = findViewById(R.id.cookie2);
cookie2.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Cookie2.class);
        startActivity(intent);
        finish();
    }
});
cookie3 = findViewById(R.id.cookie3);
cookie3.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Cookie3.class);
        startActivity(intent);
        finish();
    }
});
cookie4 = findViewById(R.id.cookie4);
cookie4.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Cookie4.class);
        startActivity(intent);
        finish();
    }
});
cookie5 = findViewById(R.id.cookie5);
cookie5.setOnClickListener(new View.OnClickListener() {
    @Override
```

```
public void onClick(View v) {
    Intent intent = new Intent(getApplicationContext(),Cookie5.class);
    startActivity(intent);
    finish();
}
});
cookie6 = findViewById(R.id.cookie6);
cookie6.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Cookie6.class);
        startActivity(intent);
        finish();
    }
});
cookie7 = findViewById(R.id.cookie7);
cookie7.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Cookie7.class);
        startActivity(intent);
        finish();
    }
});
cookie8 = findViewById(R.id.cookie8);
cookie8.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),Cookie8.class);
        startActivity(intent);
        finish();
    }
});
}
@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),HomePage.class);
    startActivity(intent);
    finish();
}
}
```

Cookie 1

12:48 AM ... 0.00K/S 4G VoLTE 79%

DARK CHOCOLATE PISTACHIO SEA SALT COOKIES



DARK CHOCOLATE PISTACHIO SEA SALT COOKIES + 1 -

TOTAL RS 29.00

DESCRIPTION

Liberally infused with pistachios, crammed with chunks of dark chocolate and sprinkled with sea salt, Joy describes these slow bake cookies as "campfire meets fine dining." We

 ENTER MOBILE NUMBER

ORDER

cookie1.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#fffff"
    >
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/heading"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Dark Chocolate Pistachio Sea Salt Cookies"
            android:textAlignment="center"
            android:layout_marginLeft="40dp"
            android:textSize="15dp"
            android:id="@+id/items"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/slide1"
        android:layout_below="@+id/heading"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="700dp"
            >
            <RelativeLayout
                android:id="@+id/content1"
                android:layout_width="320dp"
                android:layout_height="match_parent"
                android:layout_marginTop="50dp"
                android:layout_marginLeft="20dp"
                android:padding="20dp"
                >
                <ImageView
                    android:background="@drawable/bis1"
                    >
```

```
    android:layout_width="match_parent"
    android:layout_height="200dp"
/>
<TextView
    android:id="@+id/text1"
    android:layout_width="200dp"
    android:layout_height="wrap_content"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="205dp"
    android:textColor="#000000"
    android:text="Dark Chocolate Pistachio Sea Salt Cookies"
    android:fontFamily="sans-serif-smallcaps"
    android:textSize="15dp"
/>
<Button
    android:layout_width="30dp"
    android:id="@+id/plusicon"
    android:layout_height="30dp"
    android:background="@drawable/plus1"
    android:layout_marginTop="210dp"
    android:layout_marginLeft="190dp"
/>
<TextView
    android:id="@+id/value"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:textSize="15dp"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="210dp"
    android:padding="5dp"
    android:text="1"
    android:layout_marginLeft="220dp"
/>
<Button
    android:id="@+id/minus"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginLeft="250dp"
    android:layout_marginTop="210dp"
    android:background="@drawable/minus1"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```

```
        android:text="Total rs "
        android:textColor="#000000"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="250dp"
    />
<TextView
    android:id="@+id/amount"
    android:layout_width="60dp"
    android:layout_height="20dp"
    android:text="29.00"
    android:textColor="#000000"
    android:layout_marginTop="250dp"
    android:layout_marginLeft="100dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Description"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="270dp"
    android:textStyle="bold"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textColor="#000000"
    android:fontFamily="cursive"
    android:textSize="20dp"
    android:text="Liberally infused with pistachios, crammed with chunks of dark chocolate
and sprinkled with sea salt, Joy describes these slow bake cookies as “campfire meets fine
dining.” We describe them as the perfect mix of sweet and salty."
    android:layout_marginTop="300dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
<EditText
    android:id="@+id/getMobile"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="50dp"
    android:layout_marginLeft="0dp"
    android:inputType="number"
    android:background="#ffffffff"
```

```

        android:drawableLeft="@drawable/phoneicon"
        android:hint="Enter Mobile Number"
        android:fontFamily="sans-serif-smallcaps"
        android:textAlignment="center"
    />
<Button
    android:id="@+id/orderButton"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:text="Order"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="0dp"
    android:layout_alignParentBottom="true"
    android:background="@drawable/confirm_button"
    android:layout_marginBottom="0dp"
    />
</RelativeLayout>
```

Cookie1.java

```

package com.example.mohdarif.dostea;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.support.v4.app.NotificationCompat;
import android.support.v7.app.AppCompatActivity;
import android.telephony.SmsManager;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class Cookie1 extends AppCompatActivity {
    Button confirm,add,sub;
    TextView value,amount;
    EditText getMobile;
    int countOrderId=101,countOrderNumber=1;
    final float initailAmount = (float) 29.00;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
```

```

setContentView(R.layout.cookie1);
value = findViewById(R.id.value);
amount = findViewById(R.id.amount);
add = findViewById(R.id.plusicon);
add.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber++;
        if(countOrderNumber>10) {
            Toast.makeText(getApplicationContext(),"maximum quantity only 10 at a
time",Toast.LENGTH_LONG).show();
        }
        else{
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
sub = findViewById(R.id_MINUS);
sub.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber--;
        if(countOrderNumber<1) {
            Toast.makeText(getApplicationContext(),"only 1
selected",Toast.LENGTH_LONG).show();
        }
        else {
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
confirm = findViewById(R.id.orderButton);
getMobile = findViewById(R.id.getMobile);
confirm.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderId++;
        String number = getMobile.getText().toString().trim();
        if(number.isEmpty()||number.length()<10) {
            Toast.makeText(getApplicationContext(),"Enter a valid
number",Toast.LENGTH_LONG).show();
            getMobile.requestFocus();
        }
        else {

```

```

    addNotification();
    Intent intent=new Intent(getApplicationContext(),MainActivity.class);
    PendingIntent pi=PendingIntent.getActivity(getApplicationContext(), 0, intent,0);

    //Get the SmsManager instance and call the sendTextMessage method to send
message
    SmsManager sms= SmsManager.getDefault();
    sms.sendTextMessage(number, null, "Your Order for "+countOrderNumber+" "
Dark Chocolate Pistachio Sea Salt Cookies has been confirmed Kindly Par Rs
"+amount.getText(),null,null);

    Toast.makeText(getApplicationContext(), "Order received successfully!",
        Toast.LENGTH_LONG).show();
    Intent intent1 = new Intent(getApplicationContext(),ConfirmOrder.class);
    startActivity(intent1);
}
}
});
}

private void addNotification() {
    NotificationCompat.Builder builder =
        new NotificationCompat.Builder(this)
            .setSmallIcon(R.drawable.notificationicon)
            .setContentTitle("Dostea")
            .setContentText(IceCream1.notification);
    Intent notificationIntent = new Intent(this, MainActivity.class);
    PendingIntent contentIntent = PendingIntent.getActivity(this, 0, notificationIntent,
        PendingIntent.FLAG_UPDATE_CURRENT);
    builder.setContentIntent(contentIntent);

    //Add as notification
    NotificationManager manager = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);
    manager.notify(0, builder.build());
}

@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),Cookie.class);
    startActivity(intent);
    finish();
}
}

```

Cookie 2

12:51 AM ... 0.00K/s 4G VoLTE 80%

APRICOT PISTACHIO OATMEAL COOKIES



APRICOT PISTACHIO OATMEAL COOKIES

+

1

-

TOTAL RS 99.00

DESCRIPTION

Try a fresh take on Oatmeal cookies with dried apricots and pistachios. The lightness of the fruit is a yummy complement to what can be a dense cookie.



ENTER MOBILE NUMBER

ORDER

cookie2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#ffffffff"
    >
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/heading"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Cinnamon Roll Sugar Cookies"
            android:textAlignment="center"
            android:layout_marginLeft="60dp"
            android:textSize="15dp"
            android:id="@+id/items"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/slide1"
        android:layout_below="@+id/heading"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="700dp"
            >
            <RelativeLayout
                android:id="@+id/content1"
                android:layout_width="320dp"
                android:layout_height="match_parent"
                android:layout_marginTop="50dp"
                android:layout_marginLeft="20dp"
                android:padding="20dp"
                >
                <ImageView
                    android:background="@drawable/bis2"
                    >
```

```
    android:layout_width="match_parent"
    android:layout_height="200dp"
/>
<TextView
    android:id="@+id/text1"
    android:layout_width="200dp"
    android:layout_height="wrap_content"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="205dp"
    android:textColor="#000000"
    android:text="Cinnamon Roll Sugar Cookies"
    android:fontFamily="sans-serif-smallcaps"
    android:textSize="15dp"
/>
<Button
    android:layout_width="30dp"
    android:id="@+id/plusicon"
    android:layout_height="30dp"
    android:background="@drawable/plus1"
    android:layout_marginTop="210dp"
    android:layout_marginLeft="190dp"
/>
<TextView
    android:id="@+id/value"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:textSize="15dp"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="210dp"
    android:padding="5dp"
    android:text="1"
    android:layout_marginLeft="220dp"
/>
<Button
    android:id="@+id/minus"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginLeft="250dp"
    android:layout_marginTop="210dp"
    android:background="@drawable/minus1"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```

```
        android:text="Total rs "
        android:textColor="#000000"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="250dp"
    />
<TextView
    android:id="@+id/amount"
    android:layout_width="60dp"
    android:layout_height="20dp"
    android:text="29.00"
    android:textColor="#000000"
    android:layout_marginTop="250dp"
    android:layout_marginLeft="100dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Description"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="270dp"
    android:textStyle="bold"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textColor="#000000"
    android:fontFamily="cursive"
    android:textSize="20dp"
    android:text="They may have started as sugar cookies, but a sprinkle of cinnamon
and brown sugar turns this treat into heavenly little cinnamon rolls. Topped with cream cheese
frosting, these cookies are better than the real deal."
    android:layout_marginTop="300dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
<EditText
    android:id="@+id/getMobile"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="50dp"
    android:layout_marginLeft="0dp"
    android:inputType="number"
    android:background="#ffffffff"
```

```

    android:drawableLeft="@drawable/phoneicon"
    android:hint="Enter Mobile Number"
    android:fontFamily="sans-serif-smallcaps"
    android:textAlignment="center"
    />
<Button
    android:id="@+id/orderButton"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:text="Order"
    android:textColor="#ffffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="0dp"
    android:layout_alignParentBottom="true"
    android:background="@drawable/confirm_button"
    android:layout_marginBottom="0dp"
    />
</RelativeLayout>
```

Cookie2.java

```

package com.example.mohdarif.dostea;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.support.v4.app.NotificationCompat;
import android.support.v7.app.AppCompatActivity;
import android.telephony.SmsManager;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class Cookie2 extends AppCompatActivity {
    Button confirm,add,sub;
    TextView value,amount;
    EditText getMobile;
    int countOrderId=101,countOrderNumber=1;
    final float initailAmount = (float) 29.00;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
```

```

setContentView(R.layout.cookie2);
value = findViewById(R.id.value);
amount = findViewById(R.id.amount);
add = findViewById(R.id.plusicon);
add.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber++;
        if(countOrderNumber>10) {
            Toast.makeText(getApplicationContext(),"maximum quantity only 10 at a
time",Toast.LENGTH_LONG).show();
        }
        else{
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
sub = findViewById(R.id_MINUS);
sub.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber--;
        if(countOrderNumber<1) {
            Toast.makeText(getApplicationContext(),"only 1
selected",Toast.LENGTH_LONG).show();
        }
        else {
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
confirm = findViewById(R.id.orderButton);
getMobile = findViewById(R.id.getMobile);
confirm.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderId++;
        String number = getMobile.getText().toString().trim();
        if(number.isEmpty()||number.length()<10) {
            Toast.makeText(getApplicationContext(),"Enter a valid
number",Toast.LENGTH_LONG).show();
            getMobile.requestFocus();
        }
        else {

```

```

    addNotification();
    Intent intent=new Intent(getApplicationContext(),MainActivity.class);
    PendingIntent pi=PendingIntent.getActivity(getApplicationContext(), 0, intent,0);

    //Get the SmsManager instance and call the sendTextMessage method to send
message
    SmsManager sms= SmsManager.getDefault();
    sms.sendTextMessage(number, null, "Your Order for "+countOrderNumber+
Cinnamon Roll Sugar Cookies has been confirmed Kindly Par Rs "+amount.getText(),null,null);

    Toast.makeText(getApplicationContext(), "Order received successfully!",
    Toast.LENGTH_LONG).show();
    Intent intent1 = new Intent(getApplicationContext(),ConfirmOrder.class);
    startActivity(intent1);
}
}
});
}

private void addNotification() {
    NotificationCompat.Builder builder =
        new NotificationCompat.Builder(this)
            .setSmallIcon(R.drawable.notificationicon)
            .setContentTitle("Dostea")
            .setContentText(IceCream1.notification);
    Intent notificationIntent = new Intent(this, MainActivity.class);
    PendingIntent contentIntent = PendingIntent.getActivity(this, 0, notificationIntent,
        PendingIntent.FLAG_UPDATE_CURRENT);
    builder.setContentIntent(contentIntent);

    // Add as notification
    NotificationManager manager = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);
    manager.notify(0, builder.build());
}

@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),Cookie.class);
    startActivity(intent);
    finish();
}
}

```

Ice Cream

12:53 AM ... 0.00K/s ⚡ 4G VoLTE 80%



SEARCH FOR ICECREAMS ETC



VANILLA ICECREAM

@ Rs 50.00

BUY NOW



CHERRY ICECREAM

@ Rs 70.00

BUY NOW



BANANA ICECREAM

@ Rs 99.00

BUY NOW

icecream.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    >
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:background="#ffffffff"
        >
        <EditText
            android:id="@+id/searchitem"
            android:layout_width="290dp"
            android:layout_marginLeft="60dp"
            android:layout_marginTop="10dp"
            android:layout_height="40dp"
            android:background="@null"
            android:hint="search for icecreams etc"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            android:textSize="15dp"
            android:layout_alignParentTop="true"
            />
        <ImageView
            android:id="@+id/searchbutton"
            android:layout_width="30dp"
            android:layout_height="30dp"
            android:background="@drawable/searchicon"
            android:layout_marginLeft="20dp"
            android:layout_marginTop="15dp"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginTop="60dp"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <RelativeLayout
                android:layout_width="340dp"
                android:layout_height="150dp"
```

```
    android:layout_marginLeft="10dp"
    android:layout_marginTop="20dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
    >
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/i1"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Vanilla Icecream"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="190dp"
        android:layout_marginTop="20dp"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=" @ Rs 50.00"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="210dp"
        />
    <Button
        android:id="@+id/ice1"
        android:layout_width="100dp"
        android:layout_height="40dp"
        android:background="@drawable/confirm_button"
        android:text="Buy now"
        android:textColor="#ffffff"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="80dp"
        />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="190dp"
    android:background="@drawable/homepagemenuitems"
```

```
    android:padding="15dp"
    >
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/i2"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Cherry Icecream"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="190dp"
        android:layout_marginTop="20dp"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=" @ Rs 70.00"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="210dp"
        />
    <Button
        android:id="@+id/ice2"
        android:layout_width="100dp"
        android:layout_height="40dp"
        android:background="@drawable/confirm_button"
        android:text="Buy now"
        android:textColor="#ffffff"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="80dp"
        />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="360dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
    >
    <ImageView
```

```
    android:layout_width="150dp"
    android:layout_height="130dp"
    android:background="@drawable/i3"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Banana Icecream"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginLeft="190dp"
    android:layout_marginTop="20dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text=" @ Rs 99.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="210dp"
/>
<Button
    android:id="@+id/ice3"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="530dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/i4" />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="190dp"
    android:layout_marginTop="20dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Chocolate Cherry"
    android:textColor="#000000" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="210dp"
    android:layout_marginTop="50dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="@ Rs 99.00"
    android:textColor="#000000" />

<Button
    android:id="@+id/ice4"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
    android:background="@drawable/confirm_button"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Buy now"
    android:textColor="#fffff" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="700dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/i5" />

    <TextView
        android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
    android:layout_marginLeft="190dp"
    android:layout_marginTop="20dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Butter Scotch"
    android:textColor="#000000" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="210dp"
    android:layout_marginTop="50dp"
    android:fontFamily="sans-serif-smallcaps"
    android:text="@ Rs 109.00"
    android:textColor="#000000" />

<Button
    android:id="@+id/ice5"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
    android:background="@drawable/confirm_button"
    android:fontFamily="sans-serif-smallcaps"
    android:text="Buy now"
    android:textColor="#ffffff" />
</RelativeLayout>

<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginTop="870dp"
    android:layout_marginLeft="10dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp">

<ImageView
    android:layout_width="150dp"
    android:layout_height="match_parent"
    android:background="@drawable/i6" />

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="210dp"
    android:layout_marginTop="20dp"
```

```
        android:fontFamily="sans-serif-smallcaps"
        android:text="Choco Milk"
        android:textColor="#000000" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="210dp"
        android:layout_marginTop="50dp"
        android:fontFamily="sans-serif-smallcaps"
        android:text="@ Rs 100.00"
        android:textColor="#000000" />

    <Button
        android:id="@+id/ice6"
        android:layout_width="100dp"
        android:layout_height="40dp"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="80dp"
        android:background="@drawable/confirm_button"
        android:fontFamily="sans-serif-smallcaps"
        android:text="Buy now"
        android:textColor="#ffffff" />
    </RelativeLayout>
    <RelativeLayout
        android:layout_width="340dp"
        android:layout_height="150dp"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="1040dp"
        android:background="@drawable/homepagemenuitems"
        android:padding="15dp"
    >
        <ImageView
            android:layout_width="150dp"
            android:layout_height="130dp"
            android:background="@drawable/i7"
        />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Butter Cream"
            android:fontFamily="sans-serif-smallcaps"
            android:textColor="#000000"
            android:layout_marginLeft="200dp"
            android:layout_marginTop="20dp"
        />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@ Rs 50.00"
    android:fontFamily="sans-serif-smallcaps"
    android:textColor="#000000"
    android:layout_marginTop="50dp"
    android:layout_marginLeft="210dp"
    />
<Button
    android:id="@+id/ice7"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
    />
</RelativeLayout>
<RelativeLayout
    android:layout_width="340dp"
    android:layout_height="150dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="1210dp"
    android:background="@drawable/homepagemenuitems"
    android:padding="15dp"
    android:layout_marginBottom="50dp"
    >
    <ImageView
        android:layout_width="150dp"
        android:layout_height="130dp"
        android:background="@drawable/i8"
        />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Choco Cream"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginLeft="200dp"
        android:layout_marginTop="20dp"
        />
    <TextView
        android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:text=" @ Rs 79.00"
        android:fontFamily="sans-serif-smallcaps"
        android:textColor="#000000"
        android:layout_marginTop="50dp"
        android:layout_marginLeft="210dp"
    />
<Button
    android:id="@+id/ice8"
    android:layout_width="100dp"
    android:layout_height="40dp"
    android:background="@drawable/confirm_button"
    android:text="Buy now"
    android:textColor="#ffffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="200dp"
    android:layout_marginTop="80dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
</RelativeLayout>
```

IceCream.java

```
package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;

public class IceCream extends AppCompatActivity {
    Button ice1,ice2,ice3,ice4,ice5,ice6,ice7,ice8;
    EditText searchitem;
    ImageView searchButton;
    String value;
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.ice_cream);
```

```
searchitem = findViewById(R.id.searchitem);
searchButton = findViewById(R.id.searchbutton);
searchButton.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        value = searchitem.getText().toString().trim();
        if(value.equalsIgnoreCase("vanilla icecream")) {
            Intent intent = new Intent(getApplicationContext(),IceCream1.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("cherry icecream")) {
            Intent intent = new Intent(getApplicationContext(),IceCream2.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("Banana icecream")) {
            Intent intent = new Intent(getApplicationContext(),IceCream3.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("chocolate cherry")) {
            Intent intent = new Intent(getApplicationContext(),IceCream4.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("butter scotch")) {
            Intent intent = new Intent(getApplicationContext(),IceCream5.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("choco milk")) {
            Intent intent = new Intent(getApplicationContext(),IceCream6.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("butter cream")) {
            Intent intent = new Intent(getApplicationContext(),IceCream7.class);
            startActivity(intent);
            finish();
        }
        else if(value.equalsIgnoreCase("choco cream")) {
            Intent intent = new Intent(getApplicationContext(),IceCream8.class);
            startActivity(intent);
            finish();
        }
    }
}
```

```
        else {
            Intent intent = new Intent(getApplicationContext(),NotFound.class);
            startActivity(intent);
            finish();
        }
    });
ice1 = findViewById(R.id.ice1);
ice1.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),IceCream1.class);
        startActivity(intent);
        finish();
    }
});
ice2 = findViewById(R.id.ice2);
ice2.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),IceCream2.class);
        startActivity(intent);
        finish();
    }
});
ice3 = findViewById(R.id.ice3);
ice3.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),IceCream3.class);
        startActivity(intent);
        finish();
    }
});
ice4 = findViewById(R.id.ice4);
ice4.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),IceCream4.class);
        startActivity(intent);
        finish();
    }
});
ice5 = findViewById(R.id.ice5);
ice5.setOnClickListener(new View.OnClickListener() {
    @Override
```

```
public void onClick(View v) {
    Intent intent = new Intent(getApplicationContext(),IceCream5.class);
    startActivity(intent);
    finish();
}
});
ice6 = findViewById(R.id.ice6);
ice6.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),IceCream6.class);
        startActivity(intent);
        finish();
    }
});
ice7 = findViewById(R.id.ice7);
ice7.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),IceCream7.class);
        startActivity(intent);
        finish();
    }
});
ice8 = findViewById(R.id.ice8);
ice8.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(),IceCream8.class);
        startActivity(intent);
        finish();
    }
});
}
@Override
public void onBackPressed() {
    Intent intent = new Intent(getApplicationContext(),HomePage.class);
    startActivity(intent);
    finish();
}
}
```

Ice Cream I

12:58 AM

0.00K/s 4G VoLTE

81%

VANILLA ICECREAM



VANILLA ICECREAM

+ 1 -

TOTAL RS 50.00

DESCRIPTION

no description



ENTER MOBILE NUMBER

ORDER

icecream1.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#ffffffff"
    >
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_alignParentTop="true"
        android:id="@+id/heading"
        android:layout_height="wrap_content">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Vanilla Icecream"
            android:layout_marginLeft="60dp"
            android:textSize="30dp"
            android:id="@+id/items"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/slide1"
        android:layout_below="@id/heading"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="700dp"
            >
            <RelativeLayout
                android:id="@+id/content1"
                android:layout_width="320dp"
                android:layout_height="match_parent"
                android:layout_marginTop="50dp"
                android:layout_marginLeft="20dp"
                android:padding="20dp"
                >
                <ImageView
                    android:background="@drawable/i1"
                    android:layout_width="match_parent"
                    >
```

```
    android:layout_height="200dp"
    />
<TextView
    android:id="@+id/text1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="205dp"
    android:textColor="#000000"
    android:text="vanilla icecream"
    android:fontFamily="sans-serif-smallcaps"
    android:textSize="15dp"
    />
<Button
    android:layout_width="30dp"
    android:id="@+id/plusicon"
    android:layout_height="30dp"
    android:background="@drawable/plus1"
    android:layout_marginTop="210dp"
    android:layout_marginLeft="190dp"
    />
<TextView
    android:id="@+id/value"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:textSize="15dp"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="210dp"
    android:padding="5dp"
    android:text="1"
    android:layout_marginLeft="220dp"
    />
<Button
    android:id="@+id/minus"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginLeft="250dp"
    android:layout_marginTop="210dp"
    android:background="@drawable/minus1"
    />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Total rs "
```

```
        android:textColor="#000000"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="240dp"
    />
<TextView
    android:id="@+id/amount"
    android:layout_width="60dp"
    android:layout_height="20dp"
    android:text="50.00"
    android:textColor="#000000"
    android:layout_marginTop="240dp"
    android:layout_marginLeft="100dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Description"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="270dp"
    android:textStyle="bold"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textColor="#eeeeee"
    android:fontFamily="cursive"
    android:textSize="20dp"
    android:text="no description"
    android:layout_marginTop="300dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
<EditText
    android:id="@+id/getMobile"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="50dp"
    android:layout_marginLeft="0dp"
    android:inputType="number"
    android:background="#ffffff"
    android:drawableLeft="@drawable/phoneicon"
    android:hint="Enter Mobile Number"
    android:fontFamily="sans-serif-smallcaps"
```

```

        android:textAlignment="center"
        />
<Button
    android:id="@+id/orderButton"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:text="Order"
    android:textColor="#fffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="0dp"
    android:layout_alignParentBottom="true"
    android:background="@drawable/confirm_button"
    android:layout_marginBottom="0dp"
    />
</RelativeLayout>
```

IceCream1.java

```

package com.example.mohdarif.dostea;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.support.v4.app.NotificationCompat;
import android.support.v7.app.AppCompatActivity;
import android.telephony.SmsManager;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class IceCream1 extends AppCompatActivity {
    Button confirm,add,sub;
    EditText getMobile;
    TextView value,amount;
    static final String notification = "Thanks for Ordering with us !!";
    int countOrderId=1,countOrderNumber=1,countOrder=0;
    final float initailAmount = (float) 50.00;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.icecream1);
        value = findViewById(R.id.value);
```

```

amount = findViewById(R.id.amount);
add = findViewById(R.id.plusicon);
add.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber++;
        if(countOrderNumber>10) {
            Toast.makeText(getApplicationContext(),"maximum quantity only 10 at a
time",Toast.LENGTH_LONG).show();
        }
        else{
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
sub = findViewById(R.id_MINUS);
sub.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber--;
        if(countOrderNumber<1) {
            Toast.makeText(getApplicationContext(),"only 1
selected",Toast.LENGTH_LONG).show();
        }
        else {
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
confirm = findViewById(R.id.orderButton);
getMobile = findViewById(R.id.getMobile);
confirm.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        orderId++;
        countOrder++;
        String number = getMobile.getText().toString().trim();
        if(number.isEmpty()||number.length()<10) {
            Toast.makeText(getApplicationContext(),"Enter a valid
number",Toast.LENGTH_LONG).show();
            getMobile.requestFocus();
        }
        else {
            addNotification();
        }
    }
});

```

```

Intent intent=new Intent(getApplicationContext(),MainActivity.class);
PendingIntent pi=PendingIntent.getActivity(getApplicationContext(), 0, intent,0);

//Get the SmsManager instance and call the sendTextMessage method to send message
SmsManager sms= SmsManager.getDefault();
sms.sendTextMessage(number, null, "Your Order for "+countOrderNumber+ " Vanilla Ice
Cream has been confirmed Kindly Par Rs "+amount.getText(),null,null);

Toast.makeText(getApplicationContext(), "Order recieved successfully!",
    Toast.LENGTH_LONG).show();
Intent intent1 = new Intent(getApplicationContext(),ConfirmOrder.class);
startActivity(intent1);
}

}
});

}

private void addNotification() {
NotificationCompat.Builder builder =
    new NotificationCompat.Builder(this)
        .setSmallIcon(R.drawable.notificationicon)
        .setContentTitle("Dostea")
        .setContentText("Thanks for Ordering with us !!");
Intent notificationIntent = new Intent(this, MainActivity.class);
PendingIntent contentIntent = PendingIntent.getActivity(this, 0, notificationIntent,
    PendingIntent.FLAG_UPDATE_CURRENT);
builder.setContentIntent(contentIntent);

// Add as notification
NotificationManager manager = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);
manager.notify(0, builder.build());
}

@Override
public void onBackPressed() {
Intent intent = new Intent(getApplicationContext(),IceCream.class);
startActivity(intent);
finish();
}
}

```

Ice Cream2

12:58 AM

0.00K/s 4G VoLTE 81%

CHEERY ICECREAM



CHERRY ICECREAM

+ 1 **-**

TOTAL RS 70.00

DESCRIPTION

no description



ENTER MOBILE NUMBER

ORDER

icecream2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#ffffff"
    >
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/heading"
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Cheery Icecream"
            android:textAlignment="center"
            android:layout_marginLeft="60dp"
            android:textSize="30dp"
            android:id="@+id/items"
            android:textColor="#000000"
            android:fontFamily="sans-serif-smallcaps"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/slide1"
        android:layout_below="@+id/heading"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="700dp"
            >
            <RelativeLayout
                android:id="@+id/content1"
                android:layout_width="320dp"
                android:layout_height="match_parent"
                android:layout_marginTop="50dp"
                android:layout_marginLeft="20dp"
                android:padding="20dp"
                >
                <ImageView
                    android:background="@drawable/i2"
```

```
    android:layout_width="match_parent"
    android:layout_height="200dp"
/>
<TextView
    android:id="@+id/text1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="0dp"
    android:layout_marginTop="205dp"
    android:textColor="#000000"
    android:text="cherry icecream"
    android:fontFamily="sans-serif-smallcaps"
    android:textSize="15dp"
/>
<Button
    android:layout_width="30dp"
    android:id="@+id/plusicon"
    android:layout_height="30dp"
    android:background="@drawable/plus1"
    android:layout_marginTop="210dp"
    android:layout_marginLeft="190dp"
/>
<TextView
    android:id="@+id/value"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:textSize="15dp"
    android:textColor="#000000"
    android:textAlignment="center"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="210dp"
    android:padding="5dp"
    android:text="1"
    android:layout_marginLeft="220dp"
/>
<Button
    android:id="@+id/minus"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:layout_marginLeft="250dp"
    android:layout_marginTop="210dp"
    android:background="@drawable/minus1"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```

```
        android:text="Total rs "
        android:textColor="#000000"
        android:fontFamily="sans-serif-smallcaps"
        android:layout_marginTop="240dp"
    />
<TextView
    android:id="@+id/amount"
    android:layout_width="60dp"
    android:layout_height="20dp"
    android:text="70.00"
    android:textColor="#000000"
    android:layout_marginTop="240dp"
    android:layout_marginLeft="100dp"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Description"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginTop="270dp"
    android:textStyle="bold"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textColor="#eeeeee"
    android:fontFamily="cursive"
    android:textSize="20dp"
    android:text="no description"
    android:layout_marginTop="300dp"
/>
</RelativeLayout>
</RelativeLayout>
</ScrollView>
<EditText
    android:id="@+id/getMobile"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_alignParentBottom="true"
    android:layout_marginBottom="50dp"
    android:layout_marginLeft="0dp"
    android:inputType="number"
    android:background="#ffffff"
    android:drawableLeft="@drawable/phoneicon"
    android:hint="Enter Mobile Number"
```

```

        android:fontFamily="sans-serif-smallcaps"
        android:textAlignment="center"
    />
<Button
    android:id="@+id/orderButton"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:text="Order"
    android:textColor="#fffff"
    android:fontFamily="sans-serif-smallcaps"
    android:layout_marginLeft="0dp"
    android:layout_alignParentBottom="true"
    android:background="@drawable/confirm_button"
    android:layout_marginBottom="0dp"
/>
</RelativeLayout>
```

IceCream2.java

```

package com.example.mohdarif.dostea;
import android.app.NotificationManager;
import android.app.PendingIntent;
import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.support.v4.app.NotificationCompat;
import android.support.v7.app.AppCompatActivity;
import android.telephony.SmsManager;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class IceCream2 extends AppCompatActivity {
    Button confirm,add,sub;
    EditText getMobile;
    TextView value,amount;
    int countOrderId=1,countOrderNumber=1,countOrder=0;
    final float initailAmount = (float) 70.00;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.icecream2);
        value = findViewById(R.id.value);
```

```

amount = findViewById(R.id.amount);
add = findViewById(R.id.plusicon);
add.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber++;
        if(countOrderNumber>10) {
            Toast.makeText(getApplicationContext(),"maximum quantity only 10 at a
time",Toast.LENGTH_LONG).show();
        }
        else{
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
sub = findViewById(R.id_MINUS);
sub.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderNumber--;
        if(countOrderNumber<1) {
            Toast.makeText(getApplicationContext(),"only 1
selected",Toast.LENGTH_LONG).show();
        }
        else {
            value.setText(""+countOrderNumber);
            amount.setText(""+initailAmount*countOrderNumber);
        }
    }
});
confirm = findViewById(R.id.orderButton);
getMobile = findViewById(R.id.getMobile);
confirm.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        countOrderId++;
        countOrder++;
        String number = getMobile.getText().toString().trim();
        if(number.isEmpty()||number.length()<10) {
            Toast.makeText(getApplicationContext(),"Enter a valid
number",Toast.LENGTH_LONG).show();
            getMobile.requestFocus();
        }
        else {
            addNotification();
        }
    }
});

```

```

Intent intent=new Intent(getApplicationContext(),MainActivity.class);
PendingIntent pi=PendingIntent.getActivity(getApplicationContext(), 0, intent,0);

//Get the SmsManager instance and call the sendTextMessage method to send
message
SmsManager sms= SmsManager.getDefault();
sms.sendTextMessage(number, null, "Your Order for "+countOrderNumber+
Cherry Ice Cream has been confirmed Kindly Pay Rs "+amount.getText(), null,null);

Toast.makeText(getApplicationContext(), "Order received successfully!",
Toast.LENGTH_LONG).show();
Intent intent1 = new Intent(getApplicationContext(),ConfirmOrder.class);
startActivity(intent1);
}

private void addNotification() {
NotificationCompat.Builder builder =
new NotificationCompat.Builder(this)
.setSmallIcon(R.drawable.notificationicon)
.setContentTitle("Dostea")
.setContentText("Thanks for Ordering with us !!");
Intent notificationIntent = new Intent(this, MainActivity.class);
PendingIntent contentIntent = PendingIntent.getActivity(this, 0, notificationIntent,
PendingIntent.FLAG_UPDATE_CURRENT);
builder.setContentIntent(contentIntent);

// Add as notification
NotificationManager manager = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);
manager.notify(0, builder.build());
}

@Override
public void onBackPressed() {
Intent intent = new Intent(getApplicationContext(),IceCream.class);
startActivity(intent);
finish();
}
}

```

About us

The screenshot shows a smartphone interface. At the top, the status bar displays the time as 10:03 AM, signal strength, 4G VoLTE connectivity, battery level at 81%, and a battery icon. Below the status bar is a promotional banner for a meal deal. The banner features two tacos filled with meat, cheese, and vegetables, accompanied by a bowl of red beans and a bowl of yellow corn. To the right of the food image, text offers a ₹75 discount and 15% cashback, with a red circular badge labeled "DEAL OF THE DAY". On the left side of the screen, there is a vertical list of links: "Rate us", "Log out", "About Us", and "Privacy Policy". At the bottom, there is a horizontal navigation bar with four items: "Home" (represented by a house icon), "Search" (represented by a magnifying glass icon), "Offers" (represented by a gift icon), and "About" (represented by an exclamation mark icon).

10:03 AM 0.10K/s 4G VoLTE 81%

Get ₹75 Discount
DEAL OF THE DAY
Get 15% Cashback

Rate us

Log out

About Us

Privacy Policy

Home Search Offers About

aboutpage.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/about1">
        <ImageView
            android:layout_width="match_parent"
            android:layout_height="400dp"
            android:layout_centerHorizontal="true"
            android:background="@drawable/myphoto"
            />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="(Mohd Arif the Developer of this Application)"
            android:textStyle="bold"
            android:textSize="15dp"
            android:layout_centerHorizontal="true"
            android:textColor="#000000"
            android:layout_marginTop="400dp"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/about1"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="I am developing this app for general purpose of view in order to make it
easier for common people to order beverages and thier favourite items at extremely low prices
the main aim of this application was to establish a well productive cafe meeting the people needs.
Contact info - +91 8810565494 mail - mohdaarif8299@gmail.com
"
                android:layout_marginLeft="20dp"
                android:layout_marginRight="30dp"
            </TextView>
        </RelativeLayout>
    </ScrollView>
</RelativeLayout>
```

```
        android:textColor="#000000"
        android:textSize="20dp"
        android:fontFamily="sans-serif-condensed"
    />
</RelativeLayout>
</ScrollView>
</RelativeLayout>
```

AboutPage.java

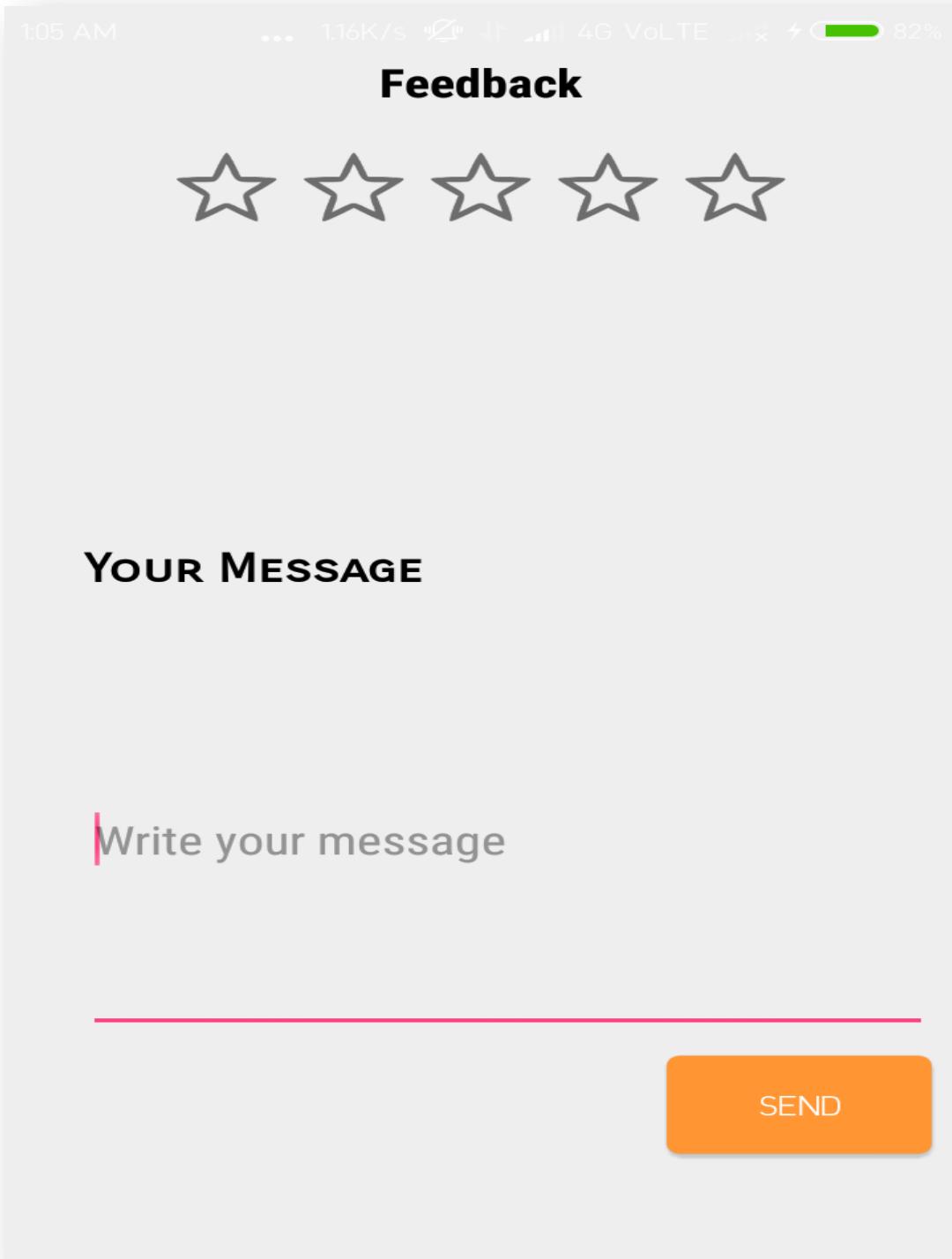
```
package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;

public class AboutPage extends AppCompatActivity {
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.aboutpage);
    }

    @Override
    public void onBackPressed() {
        super.onBackPressed();
        Intent intent = new Intent(getApplicationContext(), HomePage.class);
        startActivity(intent);
        finish();
    }
}
```

RatingPage



rating.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Feedback"
    android:textColor="#000000"
    android:textSize="20dp"
    android:textStyle="bold"
    android:fontFamily="sans-serif-condensed"
    android:layout_centerHorizontal="true"
    />
<RatingBar
    android:id="@+id/ratingbar"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentTop="true"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="43dp" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Your Message"
    android:layout_marginTop="250dp"
    android:layout_marginLeft="30dp"
    android:textColor="#000000"
    android:fontFamily="sans-serif-smallcaps"
    android:textStyle="bold"
    android:textSize="20dp"
    />
<EditText
    android:layout_width="320dp"
    android:layout_height="200dp"
    android:hint="Write your message"
    android:fontFamily="sans-serif-condensed"
    android:layout_marginTop="300dp"
    android:layout_marginLeft="30dp"
    android:textColor="#000000"
    android:textSize="20dp"
```

```

        />
<Button
    android:id="@+id/button"
    android:layout_width="100dp"
    android:layout_height="50dp"
    android:background="@drawable/confirm_button"
    android:text="send"
    android:layout_marginTop="510dp"
    android:layout_marginLeft="250dp"
    android:textColor="#ffffffff"
    />
</RelativeLayout>

```

RateUs.java

```

package com.example.mohdarif.dostea;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;

import android.media.Rating;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.RatingBar;
import android.widget.Toast;

public class RateUs extends AppCompatActivity {
    RatingBar ratingBar;
    Button button;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.rate_us);
        addListenerOnButtonClick();
    }
    public void addListenerOnButtonClick() {
        ratingBar = (RatingBar) findViewById(R.id.ratingbar);
        button = (Button) findViewById(R.id.button);
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Toast.makeText(getApplicationContext(), "Thanks for your
feedback", Toast.LENGTH_LONG).show();
            }
        });
    }
}

```

```
Intent intent = new Intent(getApplicationContext(),HomePage.class);
startActivity(intent);
finish();
}
});
}

@Override
public void onBackPressed() {
super.onBackPressed();
Intent intent = new Intent(getApplicationContext(),HomePage.class);
startActivity(intent);
finish();
}
}
```

AboutUs



(Mohd Arif the Developer of this Application)

I am developing this app for general purpose of view in order to make it easier for common people to order beverages and thier favourite items at extremely low prices the main aim of this application was to establish a well productive cafe meeting the people needs. Contact info - +91 8810565494

aboutus.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/about1">
        <ImageView
            android:layout_width="match_parent"
            android:layout_height="400dp"
            android:layout_centerHorizontal="true"
            android:background="@drawable/myphoto"
            />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="(Mohd Arif the Developer of this Application)"
            android:textStyle="bold"
            android:textSize="15dp"
            android:layout_centerHorizontal="true"
            android:textColor="#000000"
            android:layout_marginTop="400dp"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/about1"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="I am developing this app for general purpose of view in order to make it
easier for common people to order beverages and thier favourite items at extremely low prices
the main aim of this application was to establish a well productive cafe meeting the people needs.
Contact info - +91 8810565494 mail - mohdaarif8299@gmail.com
"
                android:layout_marginLeft="20dp"
                android:layout_marginRight="30dp"
            </TextView>
        </RelativeLayout>
    </ScrollView>
</RelativeLayout>
```

```
        android:textColor="#000000"
        android:textSize="20dp"
        android:fontFamily="sans-serif-condensed"
    />
</RelativeLayout>
</ScrollView>
</RelativeLayout>
```

AboutUs.java

```
package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;

public class AboutPage extends AppCompatActivity {
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.aboutpage);
    }

    @Override
    public void onBackPressed() {
        super.onBackPressed();
        Intent intent = new Intent(getApplicationContext(), HomePage.class);
        startActivity(intent);
        finish();
    }
}
```

Privacy Policy

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Privacy Policy

Mohd Arif built the Dostea app as a Free app. This SERVICE is provided by Mohd Arif at no cost and is intended for use as is. This page is used to inform website visitors regarding my policies with the collection, use, and disclosure of Personal Information if anyone decided to use my Service. If you choose to use my Service, then you agree to the collection and use of information in relation to this policy.

The Personal Information that I collect is used for providing and improving the Service. I will not use or share your information with anyone except as described in this Privacy Policy. The terms used in this Privacy Policy have the same meanings as in our Terms and Conditions, which is accessible at Dostea unless otherwise defined in this Privacy Policy.

Information Collection and Use

For a better experience, while using our Service, I may require you to provide us with certain personally identifiable information.

privacypolicy.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:id="@+id/header">
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Privacy Policy"
            android:fontFamily="sans-serif-condensed"
            android:textColor="#000000"
            android:layout_centerHorizontal="true"
            android:textSize="30dp"
            android:textStyle="bold"
            />
    </RelativeLayout>
    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginLeft="20dp"
        android:layout_marginRight="30dp"
        android:layout_below="@+id/header">
        >
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerVertical="true"
            android:textAlignment="textStart"
            android:textSize="20dp"
            android:textColor="#000000"
            android:fontFamily="sans-serif-condensed"
            android:text=""
            />
    
```

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Information Collection and Use

For a better experience, while using our Service, I may require you to provide us with certain personally identifiable information. The information that I request is retained on your device and is not collected by me in any way

The app does use third party services that may collect information used to identify you.

Link to privacy policy of third party service providers used by the app

Google Play Services

Log Data

I want to inform you that whenever you use my Service, in a case of an error in the app I collect data and information (through third party products) on your phone called Log Data. This Log Data may include information such as your device Internet Protocol (“IP”) address, device name, operating system version, the configuration of the app when utilizing my Service, the time and date of your use of the Service, and other statistics.

Cookies

Cookies are files with a small amount of data that are commonly used as anonymous unique identifiers. These are sent to your browser from the websites that you visit and are stored on your device's internal memory.

This Service does not use these “cookies” explicitly. However, the app may use third party code and libraries that use “cookies” to collect information and improve their services. You have the option to either accept or refuse these cookies and know when a cookie is being sent to your device. If you choose to refuse our cookies, you may not be able to use some portions of this Service.

Service Providers

I may employ third-party companies and individuals due to the following reasons:

To facilitate our Service;

To provide the Service on our behalf;

To perform Service-related services; or

To assist us in analyzing how our Service is used.

I want to inform users of this Service that these third parties have access to your Personal Information. The reason is to perform the tasks assigned to them on our behalf. However, they are obligated not to disclose or use the information for any other purpose.

Security

I value your trust in providing us your Personal Information, thus we are striving to use commercially acceptable means of protecting it. But remember that no method of transmission over the internet, or method of electronic storage is 100% secure and reliable, and I cannot guarantee its absolute security.

Links to Other Sites

This Service may contain links to other sites. If you click on a third-party link, you will be directed to that site. Note that these external sites are not operated by me. Therefore, I strongly advise you to review the Privacy Policy of these websites. I have no control over and assume no responsibility for the content, privacy policies, or practices of any third-party sites or services.

Children's Privacy

These Services do not address anyone under the age of 13. I do not knowingly collect personally identifiable information from children under 13. In the case I discover that a child under 13 has provided me with personal information, I immediately delete this from our servers. If you are a parent or guardian and you are aware that your child has provided us with personal information, please contact me so that I will be able to do necessary actions.

Changes to This Privacy Policy

I may update our Privacy Policy from time to time. Thus, you are advised to review this page periodically for any changes. I will notify you of any changes by posting the new Privacy Policy on this page. These changes are effective immediately after they are posted on this page.

Contact Us

If you have any questions or suggestions about my Privacy Policy, do not hesitate to contact me.

This privacy policy page was created at privacypolicytemplate.net and modified/generated by App Privacy Policy Generator"

*/>
</ScrollView>
</RelativeLayout>*

PrivacyPolicy.java

```
package com.example.mohdarif.dostea;

import android.content.Intent;
import android.os.Bundle;
import android.support.annotation.Nullable;
import android.support.v7.app.AppCompatActivity;

public class PPolicy extends AppCompatActivity {
    @Override
    protected void onCreate(@Nullable Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.privacy);
    }

    @Override
    public void onBackPressed() {
        super.onBackPressed();
        Intent intent = new Intent(getApplicationContext(), HomePage.class);
        startActivity(intent);
        finish();
    }
}
```