# CAKE SHOP

# JAVA code

## Main Activity:

```java
package com.example.cakeshop;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
    Button b1;


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

        b1 =(Button) findViewById(R.id.btnletsgo);
        b1.setOnClickListener(new Button.OnClickListener() {
            @Override
            public void onClick(View v) {

                Intent i = new Intent(MainActivity.this,home.class);
                startActivity(i);


            }
        });
    }
}
```

## Home:

```java
package com.example.cakeshop;

import androidx.annotation.RequiresApi;
import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.TimePicker;

public class home extends AppCompatActivity {

    EditText edFlavour,edQuantity;
    DatePicker edDate;
    TimePicker edTime;
    TextView ansFlavour,ansQuantity,ansTime,ansDate;
    Button b2;

    @RequiresApi(api = Build.VERSION_CODES.M)
```

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

        edFlavour =findViewById(R.id.edFlavour);
        edQuantity =findViewById(R.id.edQuantity);
        DatePicker datePicker = (DatePicker) findViewById(R.id.edDate);
        TimePicker timePicker= (TimePicker) findViewById(R.id.edTime);

            int hour=timePicker.getHour();
            int minutes=timePicker.getMinute();

            int day = datePicker.getDayOfMonth();
            int month=datePicker.getMonth();
            int year=datePicker.getYear();

        final String date = day+"/"+month+"/"+year;
        final String time = hour+"/"+minutes+"/";

        b2 = (Button) findViewById(R.id.btnOrder);
        b2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                Intent in =new Intent(home.this, billing.class);

                String str1 = edFlavour.getText().toString();
                String str2 = edQuantity.getText().toString();

                in.putExtra("flavour",str1);
                in.putExtra("quantity",str2);
                in.putExtra("date",date);
                in.putExtra("time",time);

                startActivity(in);

            }
        });




    }
}
```

**Billing:**

```java
package com.example.cakeshop;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class billing extends home {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.M) {
            super.onCreate(savedInstanceState);
        }
        setContentView(R.layout.activity_billing);
```

```java
        ansFlavour = findViewById(R.id.ansFlavour);
        ansQuantity =findViewById(R.id.ansQuantity);
        ansTime =findViewById(R.id.ansTime);
        ansDate =findViewById(R.id.ansDate);
        String flavour = getIntent().getStringExtra("flavour");
        String quantity = getIntent().getStringExtra("quantity");
        String time = getIntent().getStringExtra("time");
        String date = getIntent().getStringExtra("date");
        ansFlavour.setText(flavour);
        ansQuantity.setText(quantity);
      ansTime.setText(time);
      ansDate.setText(date);


    }
}
```

# XML

# Main activity:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity"
    android:background="@drawable/bgcake">

    <TextView
        android:id="@+id/textView"
        android:layout_width="348dp"
        android:layout_height="95dp"
        android:fontFamily="@font/aclonica"
        android:gravity="center"
        android:text="@string/welcome_to_cake_shop"
        android:textColor="#312F2F"
        android:textColorHighlight="#FFD54F"
        android:textColorHint="#F06292"
        android:textSize="36sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.857"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.0" />

    <ImageView
        android:id="@+id/imageView2"
        android:layout_width="278dp"
        android:layout_height="340dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.428"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.38"
        app:srcCompat="@drawable/cake" />

    <Button
        android:id="@+id/btnletsgo"
        android:layout_width="302dp"
        android:layout_height="48dp"
```

```
            android:background="#4DD0E1"
            android:bottomLeftRadius="10dp"
            android:bottomRightRadius="10dp"
            android:fontFamily="@font/aclonica"
            android:gravity="center"
            android:shadowRadius="10"
            android:text="@string/lets_go"
            android:topLeftRadius="10dp"
            android:topRightRadius="10dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.498"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.87" />

    <ImageView
            android:id="@+id/imageView5"
            android:layout_width="124dp"
            android:layout_height="87dp"
            android:layout_marginTop="4dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.0"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.007"
            app:srcCompat="@drawable/logo" />

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

## Home activity:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".home"
    android:background="@drawable/home">

    <TextView
        android:id="@+id/tvFlavour"
        android:layout_width="137dp"
        android:layout_height="33dp"
        android:fontFamily="@font/aclonica"
        android:gravity="center"
        android:text="@string/flavour"
        android:textSize="30sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.062"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.028" />

    <EditText
        android:id="@+id/edFlavour"
        android:layout_width="358dp"
        android:layout_height="51dp"
        android:ems="10"
        android:hint="@string/enter_flavour"
        android:inputType="textPersonName"
        android:textSize="14sp"
```

```xml
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.301"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.088" />

    <EditText
        android:id="@+id/edQuantity"
        android:layout_width="358dp"
        android:layout_height="56dp"
        android:layout_marginStart="16dp"
        android:layout_marginLeft="16dp"
        android:ems="10"
        android:hint="@string/enter_quantity"
        android:inputType="number"
        android:textSize="14sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.296" />

    <Button
        android:id="@+id/btnOrder"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:background="#BCF06292"
        android:fontFamily="@font/aclonica"
        android:text="@string/order"
        android:textSize="18sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.498"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.971" />

    <TextView
        android:id="@+id/tvquantity"
        android:layout_width="290dp"
        android:layout_height="40dp"
        android:layout_marginStart="16dp"
        android:layout_marginLeft="16dp"
        android:layout_marginBottom="16dp"
        android:fontFamily="@font/aclonica"
        android:text="Quantity"
        android:textSize="30sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.009"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.223" />

    <DatePicker
        android:id="@+id/edDate"
        android:layout_width="186dp"
        android:layout_height="314dp"
        android:scaleX="0.6"
        android:scaleY="0.6"
        android:text=""
        android:textAlignment="center"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.968"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.761" />
```

```xml
    <TimePicker
        android:id="@+id/edTime"
        android:layout_width="212dp"
        android:layout_height="317dp"
        android:layout_marginStart="4dp"
        android:layout_marginLeft="4dp"
        android:scaleX="0.6"
        android:scaleY="0.6"
        android:text=""
        android:textAlignment="center"
        android:visibility="visible"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.334"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.77" />


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

# Billing:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".billing"
    android:background="@drawable/bill">

    <TextView
        android:id="@+id/ansTime"

        android:layout_width="326dp"
        android:layout_height="53dp"
        android:fontFamily="@font/aclonica"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.494"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.583"
        />

    <TextView
        android:id="@+id/ansDate"
        android:layout_width="326dp"
        android:layout_height="53dp"
        android:fontFamily="@font/aclonica"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.494"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.734" />
```
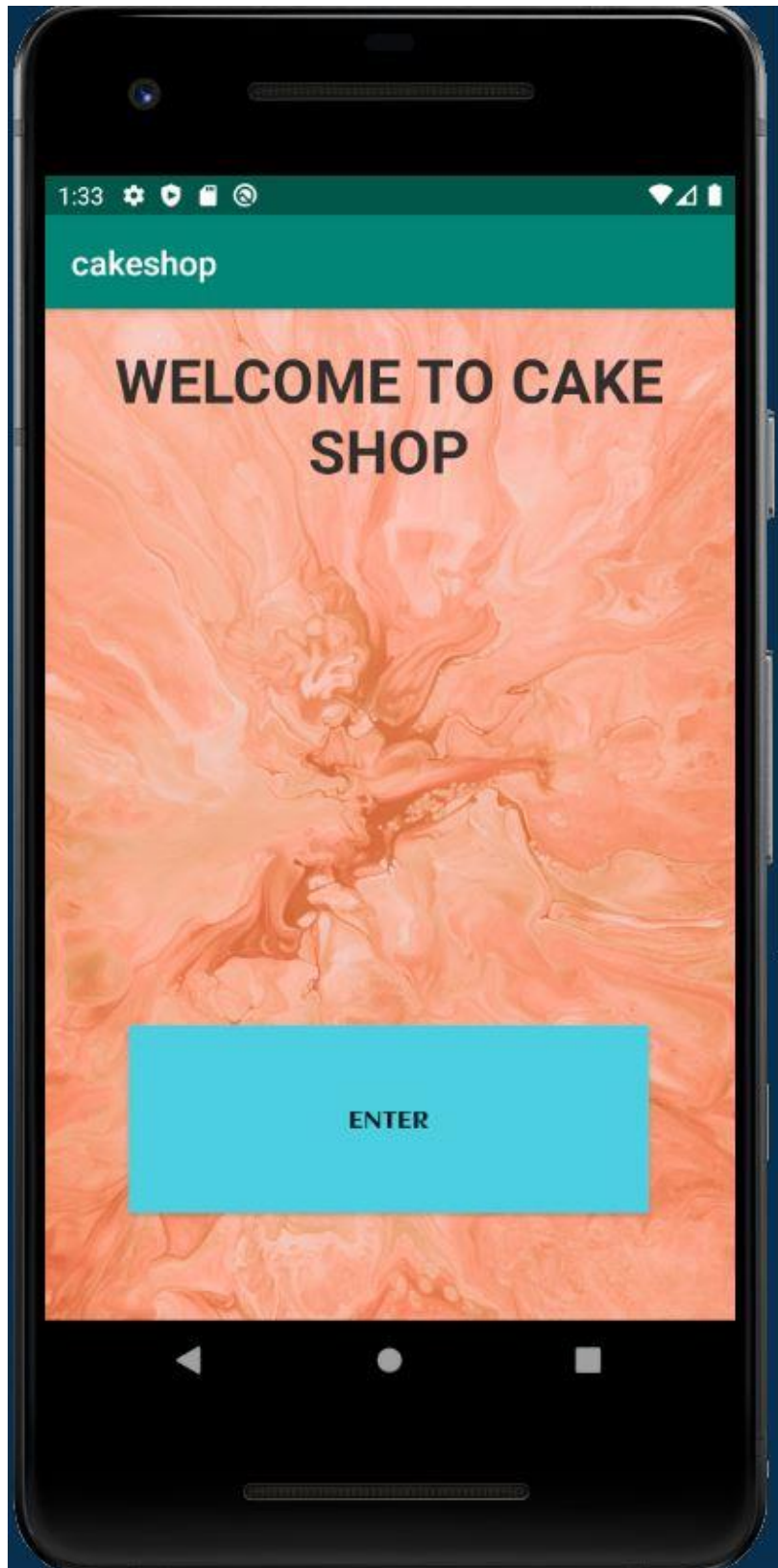
```xml
    <TextView
        android:id="@+id/ansQuantity"
        android:layout_width="326dp"
        android:layout_height="53dp"
        android:fontFamily="@font/aclonica"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.494"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.423" />

    <TextView
        android:id="@+id/head"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="24dp"
        android:fontFamily="@font/aclonica"
        android:gravity="center"
        android:text="@string/billing_information"
        android:textColor="#F3BA68C8"
        android:textSize="36sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.0" />

    <TextView
        android:id="@+id/ansFlavour"
        android:layout_width="326dp"
        android:layout_height="53dp"
        android:fontFamily="@font/aclonica"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.494"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.285" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

# OUT PUT

# cakeshop

## Flavour

vanila

## Quantity

4

4:33

2020
**Sat, Oct 10**

‹ October 2020 ›

S M T W T F S

1 2 3

4 5 6 7 8 9 10

55 00 05
50 10
45 15
40 20
35 25

**ORDER**

cakeshop

# BILLING INFORMATION

vanila

4

13/33/

12/9/2020