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SECTION:5CSE-4

### **EXPERIMENT:6 CAKE BAKERY**

#### **1.XML-FILE.MAINACTIVITY1**

```
<?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"
    android:background="@drawable/cake"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/textView"
        android:layout_width="163dp"
        android:layout_height="33dp"
        android:fontFamily="sans-serif-black"
        android:text="CAKE BAKERY"
        android:textSize="20sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.575"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.023" />

    <EditText
        android:id="@+id/editTextText"
        android:layout_width="253dp"
        android:layout_height="55dp"
        android:ems="10"
        android:hint="Name"
        android:inputType="text"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.606"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.126" />

    <EditText
        android:id="@+id/editTextText2"
        android:layout_width="253dp"
        android:layout_height="56dp"
        android:ems="10"
        android:hint="Mobile Number"
        android:inputType="text"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.606"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.255" />
```

```

<EditText
    android:id="@+id/editTextText3"
    android:layout_width="270dp"
    android:layout_height="61dp"
    android:ems="10"
    android:hint="Delivery Date"
    android:inputType="text"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.68"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.526" />

<EditText
    android:id="@+id/editTextText4"
    android:layout_width="277dp"
    android:layout_height="65dp"
    android:ems="10"
    android:hint="DeliveryTime"
    android:inputType="text"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.716"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.648" />

<Spinner
    android:id="@+id/spinner"
    android:layout_width="262dp"
    android:layout_height="63dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.644"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.401" />

<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="#9C27B0"
    android:shadowColor="#9C27B0"
    android:text="Confirm"
    android:textColorHighlight="#9C27B0"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.812"
    app:rippleColor="#9C27B0" />

</androidx.constraintlayout.widget.ConstraintLayout>

```

## 2.JAVA-FILE MAINACTIVITY1

```

package com.example.cake;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;
import android.app.DatePickerDialog;
import android.app.TimePickerDialog;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.Adapter;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.Spinner;
import android.widget.TimePicker;
import android.widget.Toast;

import java.util.Calendar;

public class MainActivity extends AppCompatActivity {
    EditText ed1,ed2,ed3,ed4;
    Spinner spinner;
    String SelectedItem;
    Button button;
    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        ed1=findViewById(R.id.editTextText);
        ed2=findViewById(R.id.editTextText2);
        ed3=findViewById(R.id.editTextText3);
        ed4=findViewById(R.id.editTextText4);
        button=findViewById(R.id.button);

        spinner=findViewById(R.id.spinner);
        ArrayAdapter adapter=new
ArrayAdapter<>(this,android.R.layout.simple_spinner_dropdown_item,getResources().getTextArray(R.array.varieties));

        adapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        spinner.setAdapter(adapter);
        spinner.setOnItemSelectedListener(new
AdapterView.OnItemSelectedListener() {
            @Override
            public void onItemSelected(AdapterView<?> adapterView, View
view, int i, long l) {
                SelectedItem=adapterView.getItemAtPosition(i).toString();
            }

            @Override
            public void onNothingSelected(AdapterView<?> adapterView) {

            }
        });
        ed3.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {

```

```

        Calendar c1=Calendar.getInstance();
        int pYear= c1.get(Calendar.YEAR);
        int pMonth=c1.get(Calendar.MONTH);
        int pDate=c1.get(Calendar.DATE);
        DatePickerDialog datePickerDialog=new
DatePickerDialog(MainActivity.this,
android.R.style.Theme_DeviceDefault_DialogWhenLarge, new
DatePickerDialog.OnDateSetListener() {
            @Override
            public void onDateSet(DatePicker datePicker, int i, int
i1, int i2) {
                ed3.setText(i2+"/"+(i1+1)+"/"+i);
            }
        },pYear,pMonth,pDate);
        datePickerDialog.show();
    }
});
ed4.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        Calendar c=Calendar.getInstance();
        int pHour=c.get(Calendar.HOUR);
        int pMinute=c.get(Calendar.MINUTE);
        TimePickerDialog timePickerDialog=new
TimePickerDialog(MainActivity.this,
android.R.style.Theme_DeviceDefault_DialogWhenLarge, new
TimePickerDialog.OnTimeSetListener() {
            @Override
            public void onTimeSet(TimePicker timePicker, int i, int
i1) {
                ed4.setText(i+": "+i1);
            }
        },pHour,pMinute,false);
        timePickerDialog.show();
    }
});
button.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        Intent intent=new
Intent(MainActivity.this,MainActivity2.class);
        String Name=ed1.getText().toString();
        int Number=Integer.parseInt(ed2.getText().toString());
        //int Date=Integer.parseInt(ed3.getText().toString());
        intent.putExtra("Name",Name);
        intent.putExtra("Number",Number);
        Intent selectedItem = intent.putExtra("SelectedItem",
SelectedItem);
        // intent.putExtra("Date","Date");
        startActivity(intent);
    }
});
}
}

```

### 3.STRINGS.XML-FILE

```

<resources>
    <string name="app_name">cake</string>
    <string-array name="varieties">

```

```

        <item>VanillaCake</item>
        <item>RedVelvetCake</item>
        <item>CarrotCake</item>
        <item>StrawberryCake</item>
        <item>MarbleCake</item>
    </string-array>
</resources>

```

#### 4.XML-FILE.MAINACTIVITY2

```

<?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"
    android:background="@drawable/cake"
    tools:context=".MainActivity2">

    <TextView
        android:id="@+id/textView2"
        android:layout_width="298dp"
        android:layout_height="187dp"
        android:text="TextView"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.495"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.365" />

    <TextView
        android:id="@+id/textView3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fontFamily="sans-serif-condensed-medium"
        android:text="CUSTOMER DETAILS:"
        android:textSize="20sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.538"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.112" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

#### 5.JAVA-FILE MAINACTIVITY2

```

package com.example.cake;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.widget.TextView;

public class MainActivity2 extends AppCompatActivity {

```

```

TextView tv;
@SuppressLint("MissingInflatedId")
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main2);
    tv=findViewById(R.id.textView2);
    Intent intent=getIntent();
    String Name=intent.getStringExtra("Name");
    int Number=intent.getIntExtra("Number",0);
    String SelectedItem=intent.getStringExtra("SelectedItem");
    //int Date=intent.getIntExtra("Date",0);
    tv.setText("ORDER CONFORMED\n\nName: "+Name+"\nNumber: "+Number+"\nSelectedFlavour: "+SelectedItem);
}
}

```

## 6.OUTPUT:



