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|  | **SUKKUR IBA UNIVERSITY**  MERIT – QUALITY – EXCELLENCE  Lab handout 12 | | | |  |
| Mobile Application Development (CSE-426), Fall 2022, BE-EE(CS)-VIII | | | | | |
| Name: Shakir Ali | | CMS ID#: 031-19-0009 | | Instructor: Dr. Abdul Aziz | |
| Section: A Lab group: NA | | Department: Electrical Engineering | | Marks obtained out of 100% | |
| **NOTE: Must follow submission instructions** | | |  | | |

**Understanding and using app bar to navigate to another activity**

**Lab Exercise and Submission**

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| Exercise 1 |
| Design and develop application to demonstrate the use of application bar with “create order action” to navigate to “order activity”. |
| Screenshot of AVD output here: |
| Insert XML code for layout here:  **activity\_main.xml**  *<?*xml version="1.0" encoding="utf-8"*?>* <LinearLayout 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:orientation="vertical"  tools:context=".MainActivity">   <androidx.appcompat.widget.Toolbar  app:title="Bits and Pizzas"  android:id="@+id/toolbar"  android:layout\_width="match\_parent"  android:layout\_height="?attr/actionBarSize"  android:background="?attr/colorPrimary"  android:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar" >   <ImageView  android:id="@+id/imageView"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_gravity="end"  android:paddingRight="10dp"  android:onClick="onClickBtn"  app:srcCompat="@drawable/ic\_add\_white\_24dp" />  </androidx.appcompat.widget.Toolbar>    <TextView  android:id="@+id/txt"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="Hello World!" />     </LinearLayout>  **activity\_order.xml**  *<?*xml version="1.0" encoding="utf-8"*?>* <LinearLayout 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:orientation="vertical"  tools:context=".OrderActivity">    <androidx.appcompat.widget.Toolbar  android:id="@+id/toolbar"  android:layout\_width="match\_parent"  android:layout\_height="?attr/actionBarSize"  android:background="?attr/colorPrimary"  android:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar"  >  <ImageView  android:id="@+id/imageView"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_gravity="start"  android:onClick="onClickBackBtn"  android:layout\_marginLeft="0dp"  app:srcCompat="@drawable/ic\_back\_white\_24dp\_foreground" />   <TextView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:textSize="24sp"  android:layout\_gravity="center"  android:text="Create Order"  >   </TextView>  </androidx.appcompat.widget.Toolbar>    </LinearLayout> |
| Insert Activity code here:  **MainActivity.java**  package com.example.myapplication;  import androidx.appcompat.app.AppCompatActivity;  import android.content.Intent; import android.os.Bundle; import android.view.Menu; import android.view.MenuItem; import android.view.View; import android.widget.TextView;  public class MainActivity extends AppCompatActivity {   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_main*);  }   @Override  public boolean onCreateOptionsMenu(Menu menu) {  *// Inflate the menu; this adds items to the app bar.* getMenuInflater().inflate(R.menu.*menu\_main*, menu);  return super.onCreateOptionsMenu(menu);  }   @Override  public boolean onOptionsItemSelected(MenuItem item) {  switch (item.getItemId()) {  case R.id.*action\_create\_order*:  *//Code to run when the Create Order item is clicked* Intent intent = new Intent(this, OrderActivity.class);  startActivity(intent);  return true;  default:  return super.onOptionsItemSelected(item);  }  }   public void onClickBtn(View view) { *// TextView txt = findViewById(R.id.txt); // txt.setText("Clicked");* Intent intent = new Intent(this, OrderActivity.class);  startActivity(intent);   } }  **OrderActivity.java**  package com.example.myapplication;  import androidx.appcompat.app.AppCompatActivity; import androidx.appcompat.widget.Toolbar;  import android.content.Intent; import android.os.Bundle; import android.view.View;  public class OrderActivity extends AppCompatActivity {   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_order*);   }   public void onClickBackBtn(View view) {  Intent intent = new Intent(this, MainActivity.class);  startActivity(intent);  } } |