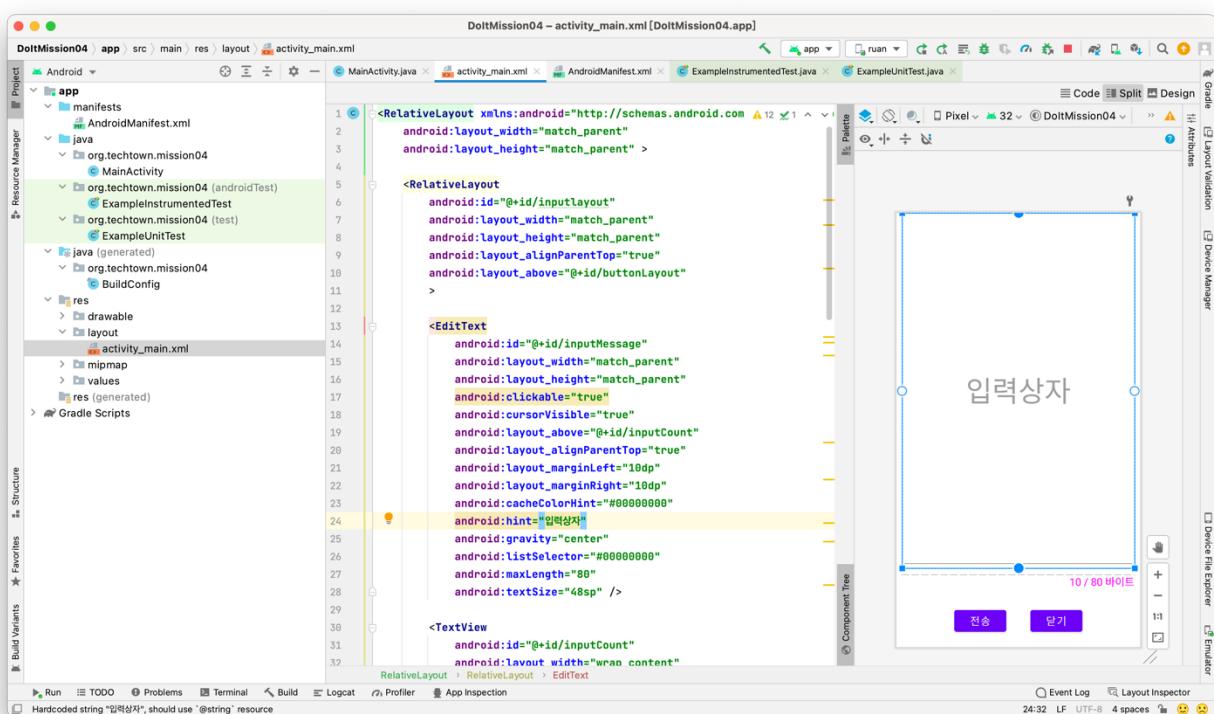


# 모바일소프트웨어설계 과제 #2 – 컴퓨터과학부 2018920065 류안리치

수정/추가된 파일만 캡쳐해서 첨부했습니다.

## 미션 4

### 1. Activity\_main.xml



## 모바일소프트웨어설계 과제 #2 – 컴퓨터과학부 2018920065 루안리치

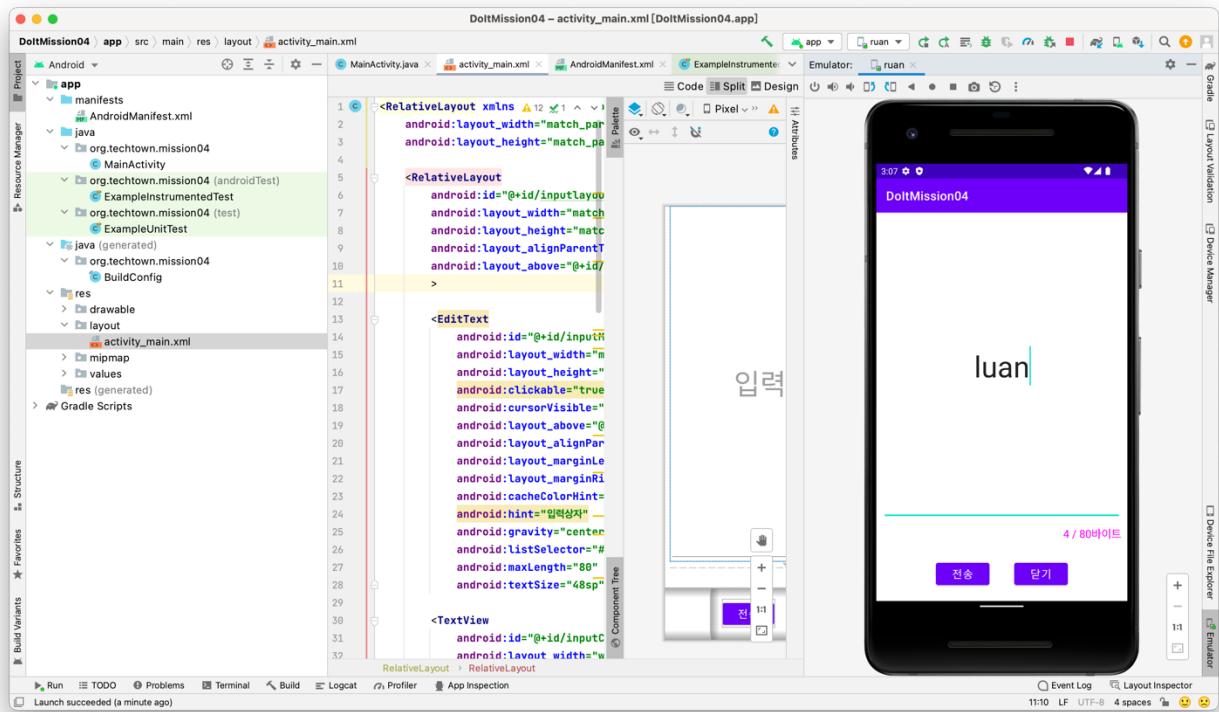
The screenshot shows the Android Studio interface with the project 'DoltMission04' open. The left sidebar shows the project structure, including the 'app' module with its manifest, Java files (MainActivity.java, ExampleInstrumentedTest.java, ExampleUnitTest.java), and resources (res folder containing drawable and layout subfolders). The main editor window displays the XML code for 'activity\_main.xml'. The code defines a relative layout with a text view at the top and a linear layout below it containing two buttons. The right side of the interface shows the 'Design' tab, which provides a visual representation of the layout. The layout consists of a large white area labeled '입력상자' (Input Box) with a blue border. Inside this box is a horizontal bar with a blue slider and the text '10 / 80 바이트' (10 / 80 bytes). Below the input box are two purple rectangular buttons labeled '전송' (Send) and '닫기' (Close). The bottom status bar indicates the time as 24:32 and the file encoding as UTF-8.

```
<TextView  
    android:id="@+id/inputCount"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignParentBottom="true"  
    android:layout_alignParentRight="true"  
    android:text="10 / 80 바이트"  
    android:textColor="#ffff00ff"  
    android:layout_marginRight="10dp"  
    android:layout_marginTop="10dp"  
    android:layout_marginBottom="10dp"  
    android:textSize="18sp"  
/>  
  
</RelativeLayout>  
<LinearLayout  
    android:orientation="vertical"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_alignParentBottom="true"  
    >  
    <LinearLayout  
        android:orientation="horizontal"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:layout_gravity="center_horizontal"  
        >  
        <Button  
            android:id="@+id/sendButton"  
            android:layout_width="wrap_content"  
            android:layout_height="wrap_content"  
            android:layout_gravity="center_horizontal"  
            android:layout_margin="20dp"  
            android:paddingLeft="20dp"  
            android:paddingRight="20dp"  
            android:text="전송"  
            android:textSize="18sp"  
            />  
        <Button  
            android:id="@+id/closeButton"  
            android:layout_width="wrap_content"  
            android:layout_height="wrap_content"  
            android:layout_margin="20dp"  
            android:paddingLeft="20dp"  
            android:paddingRight="20dp"  
            android:text="닫기"  
            android:textSize="18sp"  
            />  
    </LinearLayout>  
    </LinearLayout>  
</RelativeLayout>
```

This screenshot is nearly identical to the one above, showing the same project structure and code for 'activity\_main.xml'. The main difference is in the 'Design' tab, where the text '10 / 80 바이트' (10 / 80 bytes) has been changed to '입력상자' (Input Box), indicating a modification or a different state of the UI component.

```
<TextView  
    android:id="@+id/inputCount"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignParentBottom="true"  
    android:layout_alignParentRight="true"  
    android:text="10 / 80 바이트"  
    android:textColor="#ffff00ff"  
    android:layout_marginRight="10dp"  
    android:layout_marginTop="10dp"  
    android:layout_marginBottom="10dp"  
    android:textSize="18sp"  
/>  
  
</RelativeLayout>  
<LinearLayout  
    android:orientation="vertical"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_alignParentBottom="true"  
    >  
    <LinearLayout  
        android:orientation="horizontal"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:layout_gravity="center_horizontal"  
        >  
        <Button  
            android:id="@+id/sendButton"  
            android:layout_width="wrap_content"  
            android:layout_height="wrap_content"  
            android:layout_gravity="center_horizontal"  
            android:layout_margin="20dp"  
            android:paddingLeft="20dp"  
            android:paddingRight="20dp"  
            android:text="전송"  
            android:textSize="18sp"  
            />  
        <Button  
            android:id="@+id/closeButton"  
            android:layout_width="wrap_content"  
            android:layout_height="wrap_content"  
            android:layout_margin="20dp"  
            android:paddingLeft="20dp"  
            android:paddingRight="20dp"  
            android:text="닫기"  
            android:textSize="18sp"  
            />  
    </LinearLayout>  
    </LinearLayout>  
</RelativeLayout>
```

## 2. AVD



미션 5 (java file 수정 안 해서 수정/추가된 파일만 첨부했습니다.)

## 1. Activity\_main.xml

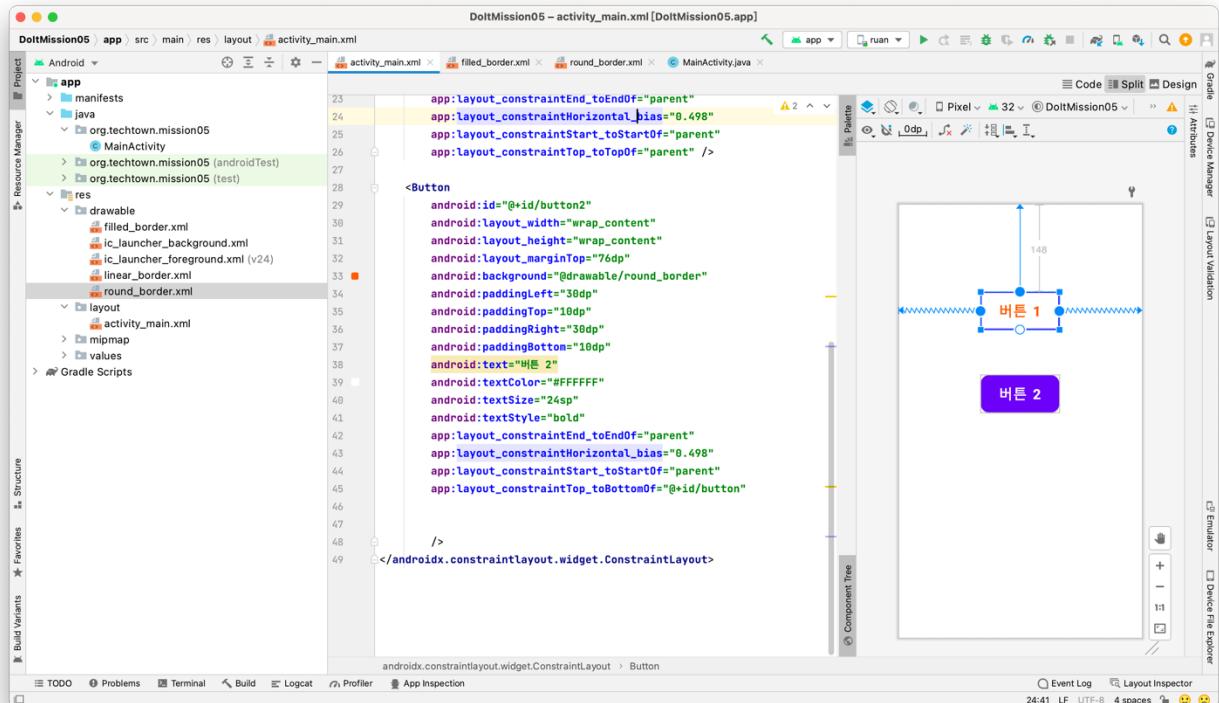
```

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

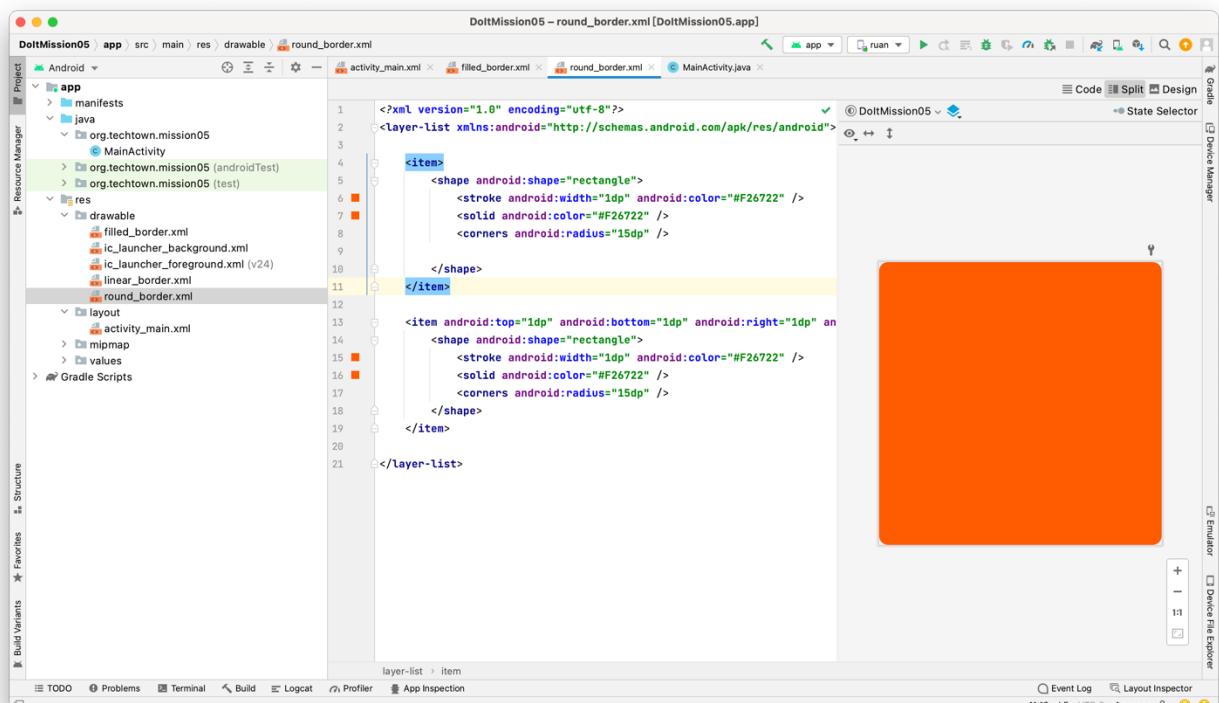
    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="148dp"
        android:background="@drawable/linear_border"
        android:paddingLeft="30dp"
        android:paddingTop="10dp"
        android:paddingRight="30dp"
        android:paddingBottom="10dp"
        android:text="버튼 1"
        android:textColor="#F26722"
        android:textSize="24sp"
        android:textStyle="bold"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.498"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <Button
        android:id="@+id/button2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="76dp"
        android:background="@drawable/filled_border" />

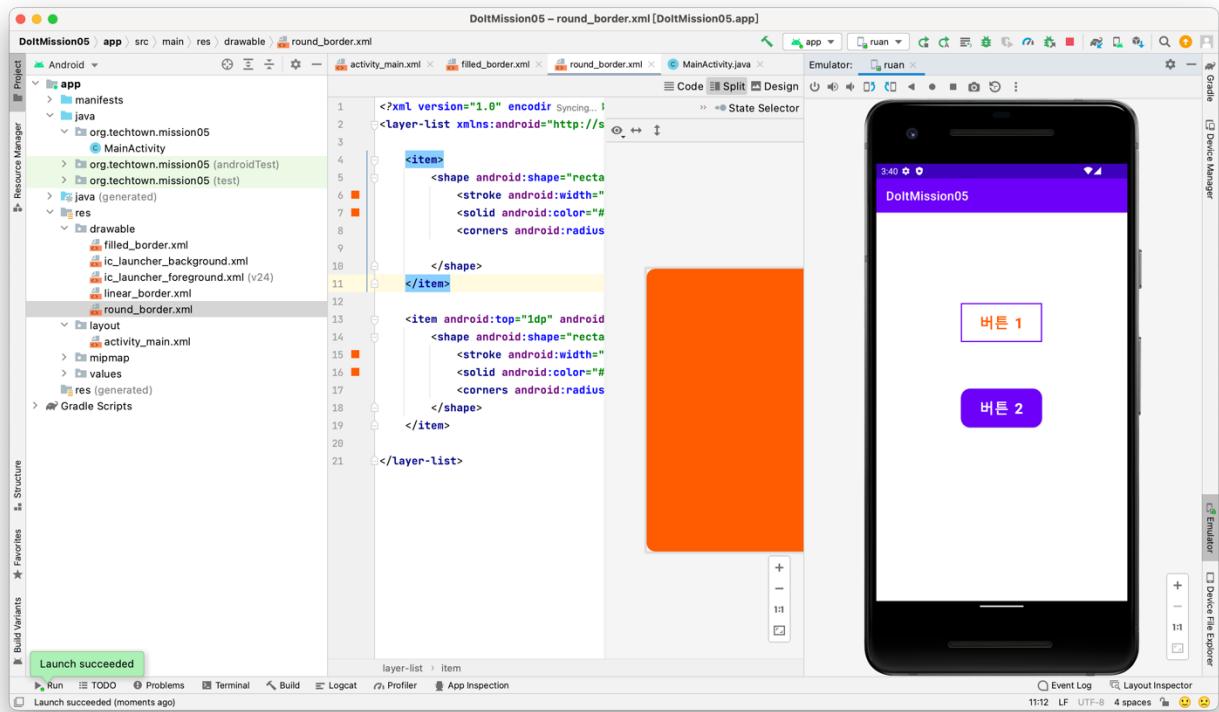
```



## 2. round\_border.xml

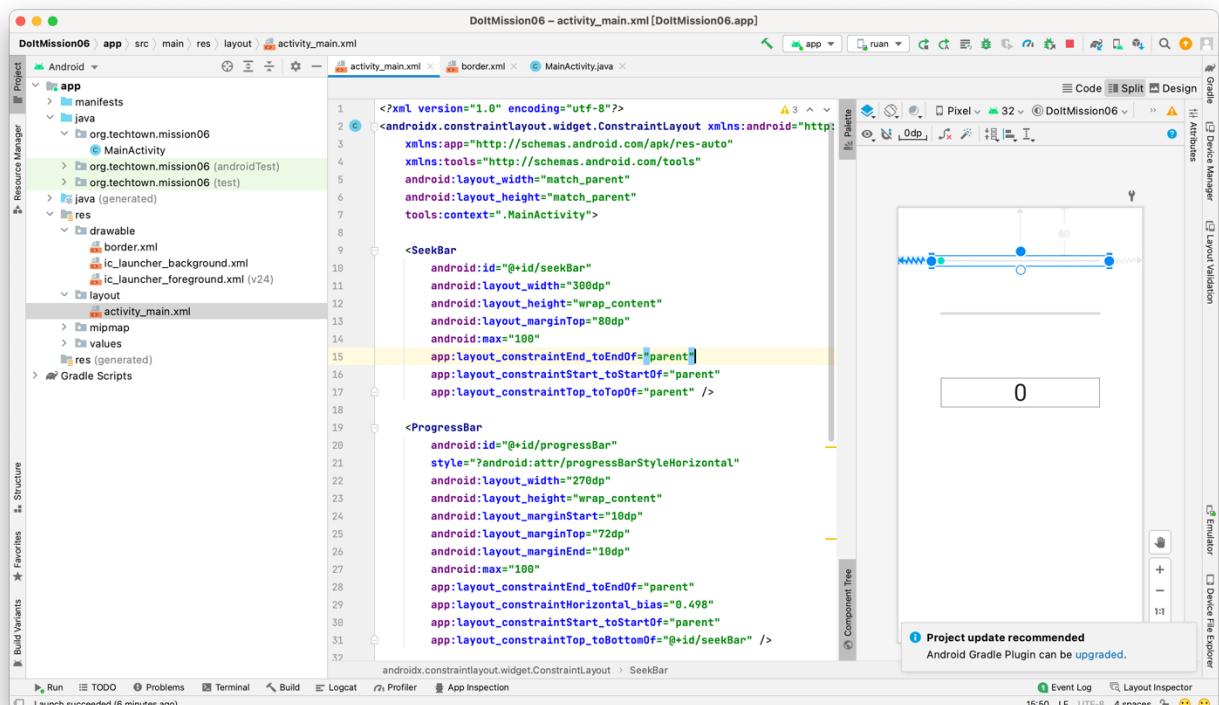
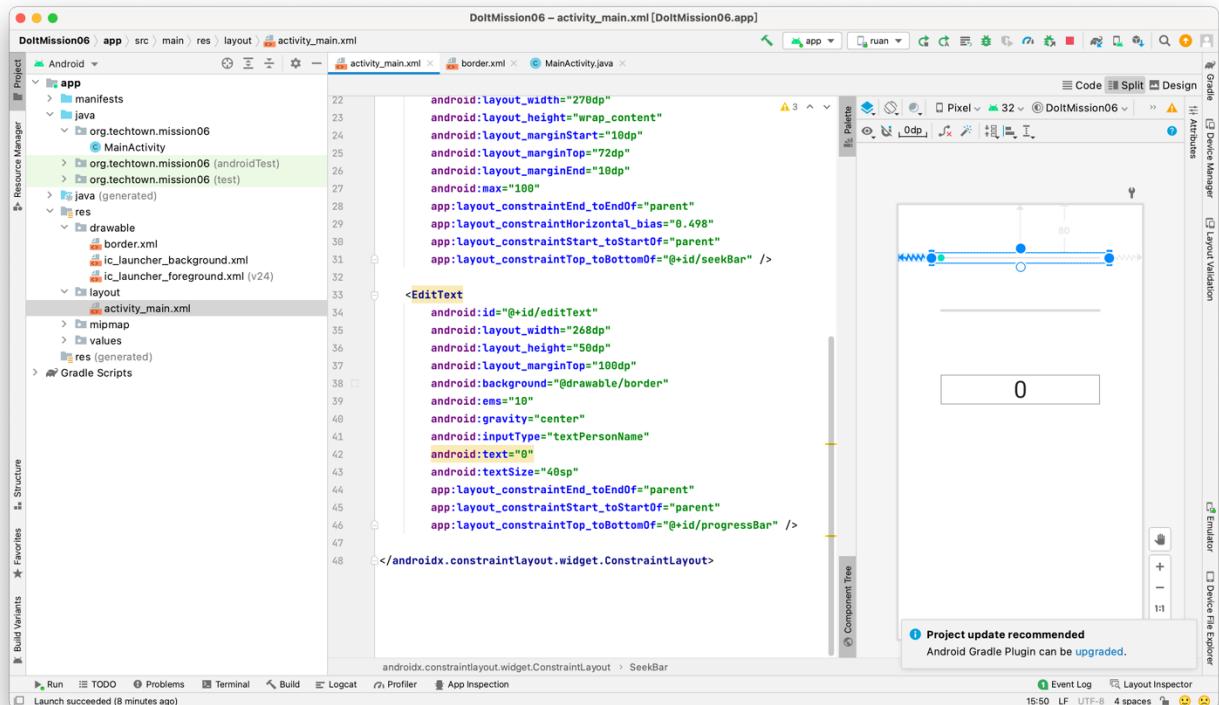


### 3. AVD

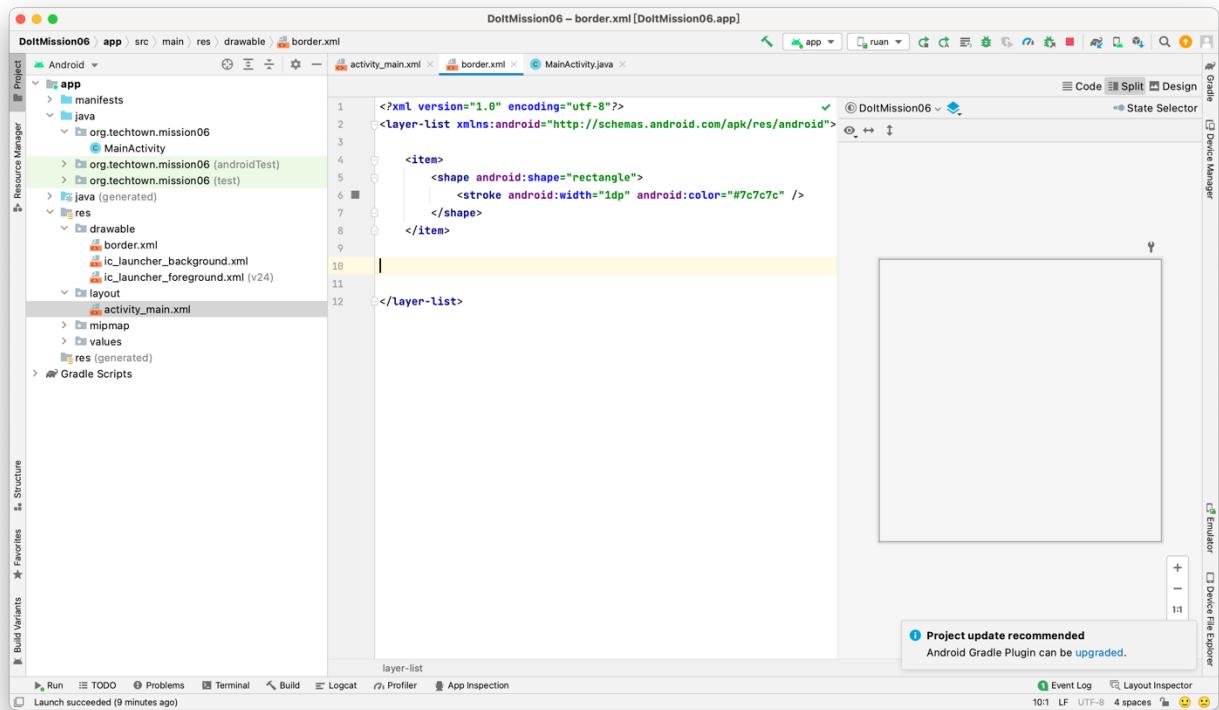


## 미션 6

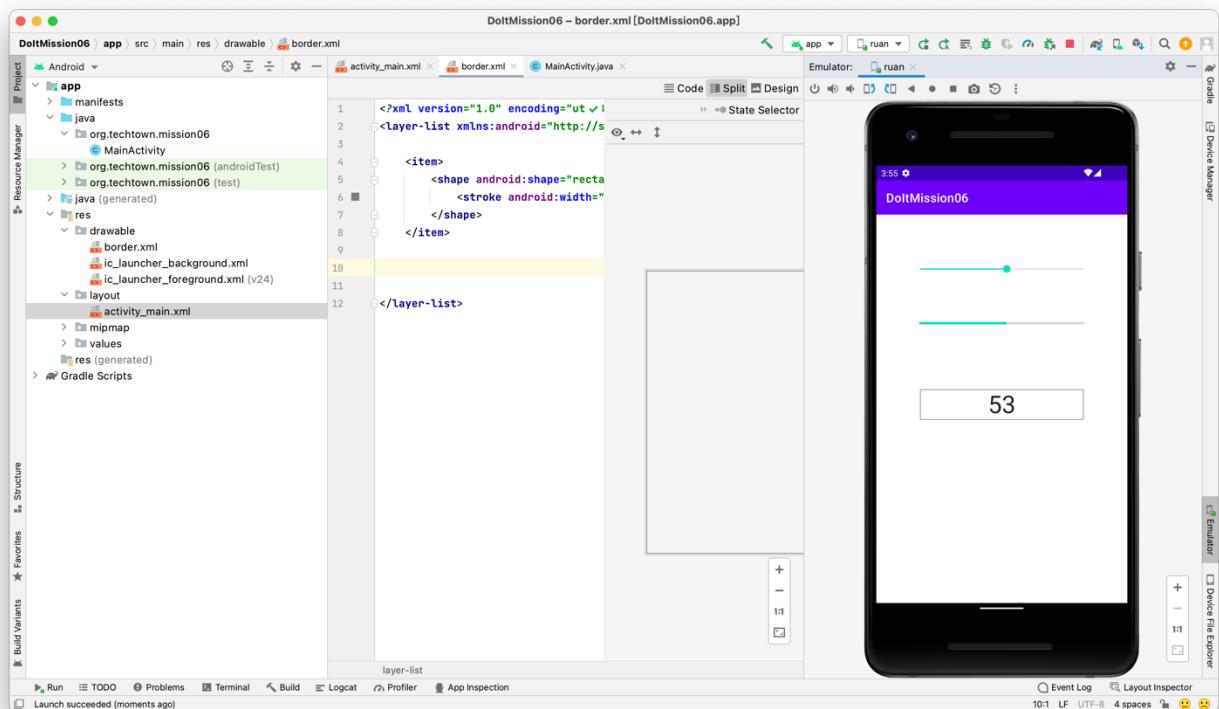
### 1. Activity\_main.xml



## 2. Border.xml

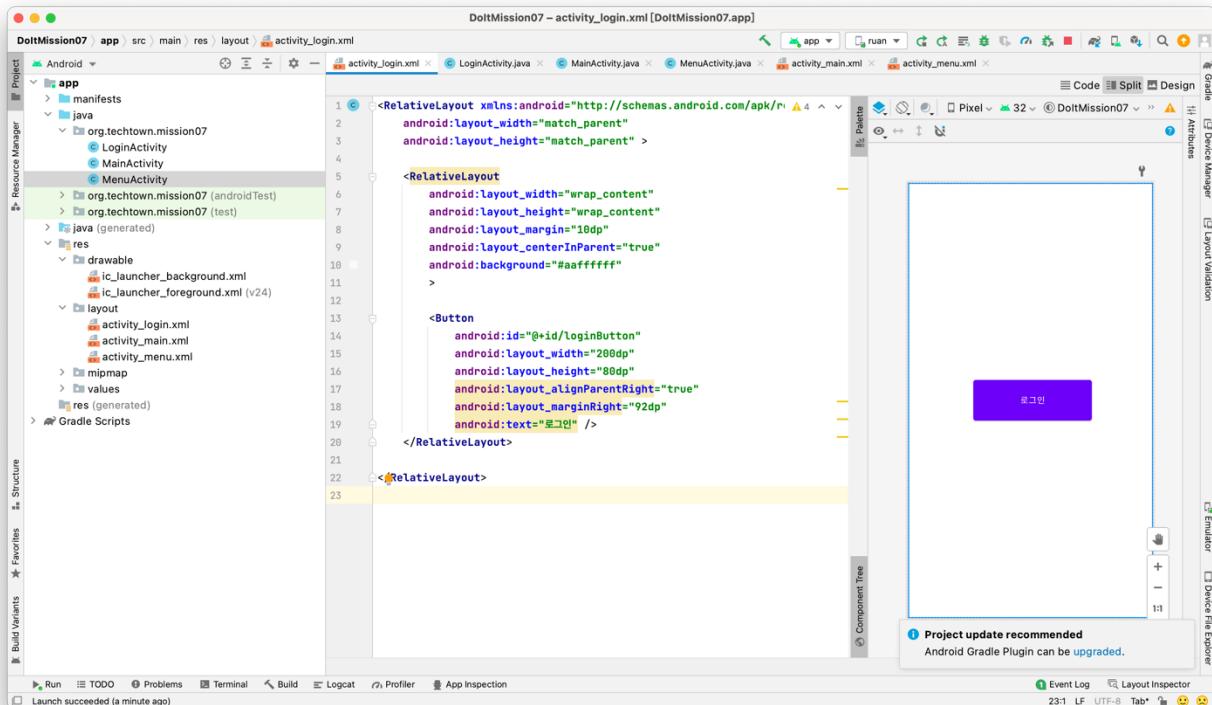


## 3. AVD

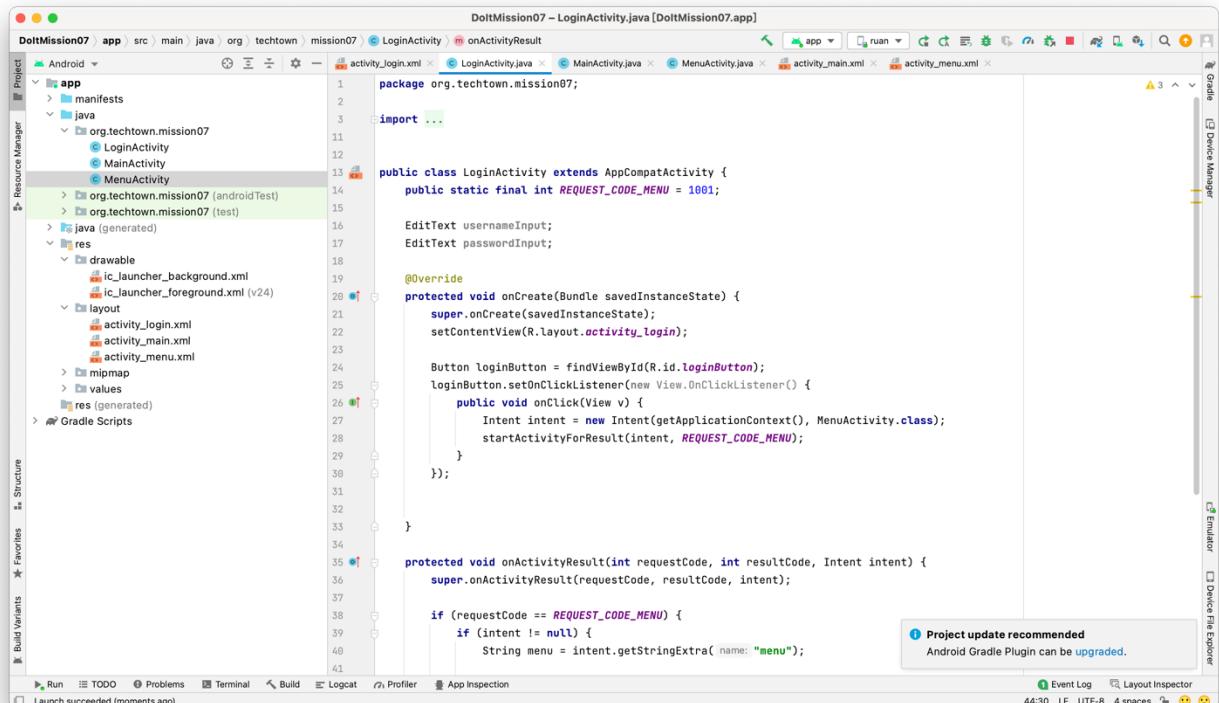


## 미션 7

### 1. Activity\_login.xml



## 2. LoginActivity.java



```

package org.techtown.mission07;

import ...

public class LoginActivity extends AppCompatActivity {
    public static final int REQUEST_CODE_MENU = 1001;

    EditText usernameInput;
    EditText passwordInput;

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

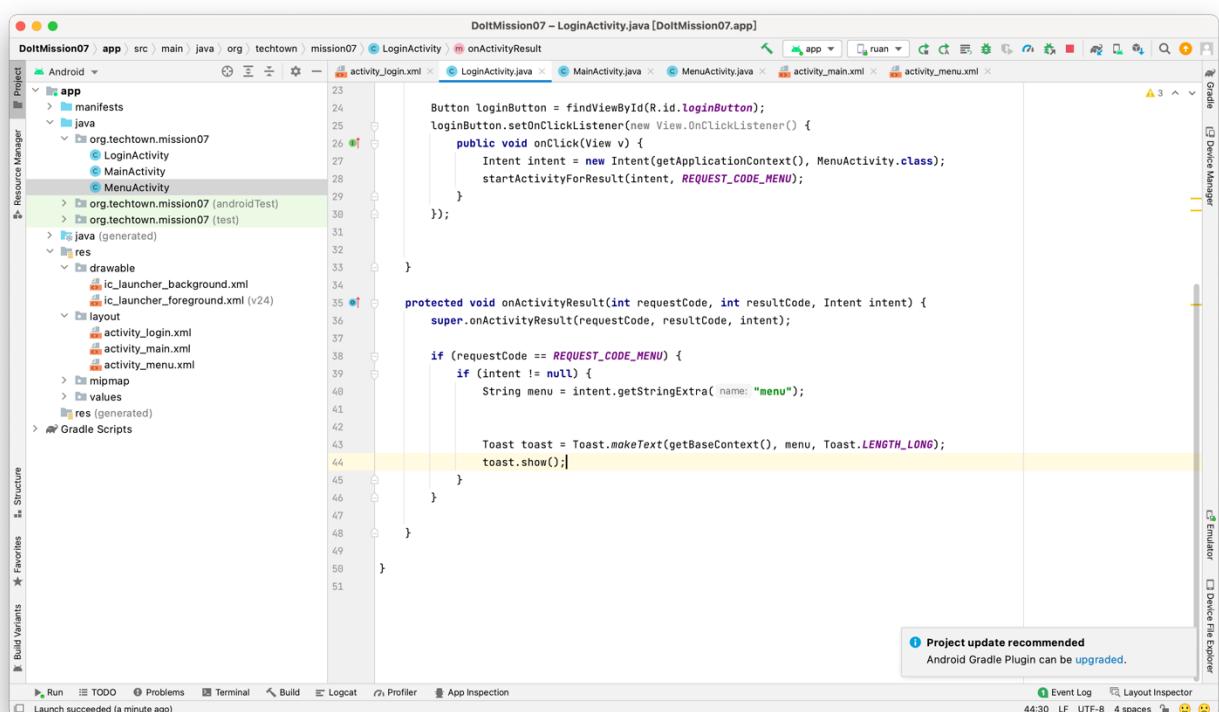
        Button loginButton = findViewById(R.id.loginButton);
        loginButton.setOnClickListener(new View.OnClickListener() {
            public void onClick(View v) {
                Intent intent = new Intent(getApplicationContext(), MenuActivity.class);
                startActivityForResult(intent, REQUEST_CODE_MENU);
            }
        });
    }

    protected void onActivityResult(int requestCode, int resultCode, Intent intent) {
        super.onActivityResult(requestCode, resultCode, intent);

        if (requestCode == REQUEST_CODE_MENU) {
            if (intent != null) {
                String menu = intent.getStringExtra("menu");
            }
        }
    }
}

```

The screenshot shows the Android Studio interface with the LoginActivity.java file open. The code handles a button click to start the MenuActivity and receives results from it. A tooltip indicates a project update recommendation for the Android Gradle Plugin.



```

Button loginButton = findViewById(R.id.loginButton);
loginButton.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        Intent intent = new Intent(getApplicationContext(), MenuActivity.class);
        startActivityForResult(intent, REQUEST_CODE_MENU);
    }
});

protected void onActivityResult(int requestCode, int resultCode, Intent intent) {
    super.onActivityResult(requestCode, resultCode, intent);

    if (requestCode == REQUEST_CODE_MENU) {
        if (intent != null) {
            String menu = intent.getStringExtra("menu");

            Toast toast = Toast.makeText(getApplicationContext(), menu, Toast.LENGTH_LONG);
            toast.show();
        }
    }
}

```

The screenshot shows the same Android Studio interface with a yellow highlight on the toast.show() line in the onActivityResult method, likely indicating a point of interest or a bug in the code.

### 3. MenuActivity.java

```

DoltMission07 - MenuActivity.java [DoltMission07.app]
DoltMission07 > app > src > main > java > org > techtown > mission07 > MenuActivity.java

1 package org.techtown.mission07;
2
3 import ...
4
5
6 public class MenuActivity extends AppCompatActivity {
7     public static final int RESPONSE_CODE_OK = 200;
8
9
10    @Override
11    protected void onCreate(Bundle savedInstanceState) {
12        super.onCreate(savedInstanceState);
13        setContentView(R.layout.activity_menu);
14
15        Button menu01Button = findViewById(R.id.menu01Button);
16        menu01Button.setOnClickListener(new OnClickListener() {
17            public void onClick(View v) {
18                Intent resultIntent = new Intent();
19                resultIntent.putExtra("name", "고객관리 메뉴");
20
21                setResult(Activity.RESULT_OK, resultIntent);
22                finish();
23            }
24        });
25
26        Button menu02Button = findViewById(R.id.menu02Button);
27        menu02Button.setOnClickListener(new OnClickListener() {
28            public void onClick(View v) {
29                Intent resultIntent = new Intent();
30                resultIntent.putExtra("name", "매출관리 메뉴");
31
32                setResult(Activity.RESULT_OK, resultIntent);
33                finish();
34            }
35        });
36
37        Button menu03Button = findViewById(R.id.menu03Button);
38        menu03Button.setOnClickListener(new OnClickListener() {
39            public void onClick(View v) {
40                Intent resultIntent = new Intent();
41                resultIntent.putExtra("name", "상품관리 메뉴");
42
43                setResult(Activity.RESULT_OK, resultIntent);
44                finish();
45            }
46        });
47    }
48
49}
50
51
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```

```

DoltMission07 - MenuActivity.java [DoltMission07.app]
DoltMission07 > app > src > main > java > org > techtown > mission07 > MenuActivity.java

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```

# 모바일소프트웨어설계 과제 #2 – 컴퓨터과학부 2018920065 루안리치

## 4. AVD



## 미션 8

## 1. LoginActivity.java

DoltMission08 - LoginActivity.java [DoltMission08.app]

```

1 package org.techtown.mission08;
2
3 import ...
4
5
6 public class LoginActivity extends AppCompatActivity {
7     public static final int REQUEST_CODE_MENU = 101;
8     public static final int REQUEST_CODE_CUSTOMER_L = 102;
9     public static final int REQUEST_CODE_PRODUCT_L = 103;
10    public static final int REQUEST_CODE_REVENUE_L = 104;
11
12
13    EditText usernameInput;
14    EditText passwordInput;
15
16    @Override
17    protected void onCreate(Bundle savedInstanceState) {
18        super.onCreate(savedInstanceState);
19        setContentView(R.layout.activity_login);
20
21        Button loginButton = findViewById(R.id.loginButton);
22
23        loginButton.setOnClickListener(new View.OnClickListener() {
24            public void onClick(View v) {
25                String username = usernameInput.getText().toString();
26                String password = passwordInput.getText().toString();
27
28                if(usernameInput.length()==0 || passwordInput.length()==0){
29                    showToast("아이디, 비밀번호 입력해주세요");
30                } else {
31                    Intent intent = new Intent(getApplicationContext(), MenuActivity.class);
32                    intent.putExtra("username", username);
33                    startActivityForResult(intent, REQUEST_CODE_MENU);
34                }
35            }
36        });
37
38    }
39
40    protected void onActivityResult(int requestCode, int resultCode, Intent intent) {
41        super.onActivityResult(requestCode, resultCode, intent);
42
43        if (intent != null) {
44            if (requestCode == REQUEST_CODE_MENU) {
45                if (intent != null) {
46                    String menu = intent.getStringExtra("menu");
47                    String message = intent.getStringExtra("message");
48
49                    Toast toast = Toast.makeText(getApplicationContext(), text: "result code : " + requestCode + ", menu : " + menu + ", message : " + message);
50                    toast.show();
51                }
52            } else if (requestCode == REQUEST_CODE_CUSTOMER_L) {
53                String message = intent.getStringExtra("message");
54            }
55        }
56    }
57
58
59    private void showToast(String message) {
60        Toast.makeText(getApplicationContext(), message, Toast.LENGTH_SHORT).show();
61    }
62
63}

```

Launch succeeded (5 minutes ago)

DoltMission08 - LoginActivity.java [DoltMission08.app]

```

1 package org.techtown.mission08;
2
3 import ...
4
5
6 public class LoginActivity extends AppCompatActivity {
7     public static final int REQUEST_CODE_MENU = 101;
8     public static final int REQUEST_CODE_CUSTOMER_L = 102;
9     public static final int REQUEST_CODE_PRODUCT_L = 103;
10    public static final int REQUEST_CODE_REVENUE_L = 104;
11
12
13    EditText usernameInput;
14    EditText passwordInput;
15
16    @Override
17    protected void onCreate(Bundle savedInstanceState) {
18        super.onCreate(savedInstanceState);
19        setContentView(R.layout.activity_login);
20
21        Button loginButton = findViewById(R.id.loginButton);
22
23        loginButton.setOnClickListener(new View.OnClickListener() {
24            public void onClick(View v) {
25                String username = usernameInput.getText().toString();
26                String password = passwordInput.getText().toString();
27
28                if(usernameInput.length()==0 || passwordInput.length()==0){
29                    showToast("아이디, 비밀번호 입력해주세요");
30                } else {
31                    Intent intent = new Intent(getApplicationContext(), MenuActivity.class);
32                    intent.putExtra("username", username);
33                    intent.putExtra("password", password);
34
35                    startActivityForResult(intent, REQUEST_CODE_MENU);
36                }
37            }
38        });
39
40        usernameInput = findViewById(R.id.usernameInput);
41        passwordInput = findViewById(R.id.passwordInput);
42
43    }
44
45    protected void onActivityResult(int requestCode, int resultCode, Intent intent) {
46        super.onActivityResult(requestCode, resultCode, intent);
47
48        if (intent != null) {
49            if (requestCode == REQUEST_CODE_MENU) {
50                if (intent != null) {
51                    String menu = intent.getStringExtra("menu");
52                    String message = intent.getStringExtra("message");
53
54                    Toast toast = Toast.makeText(getApplicationContext(), text: "result code : " + requestCode + ", menu : " + menu + ", message : " + message);
55                    toast.show();
56                }
57            } else if (requestCode == REQUEST_CODE_CUSTOMER_L) {
58                String message = intent.getStringExtra("message");
59            }
60        }
61    }
62
63    private void showToast(String message) {
64        Toast.makeText(getApplicationContext(), message, Toast.LENGTH_SHORT).show();
65    }
66
67}

```

Launch succeeded (5 minutes ago)

```

DoltMission08 - LoginActivity.java [DoltMission08.app]

    package org.techtown.mission08;
    import android.os.Bundle;
    import android.widget.Toast;
    import androidx.appcompat.app.AppCompatActivity;
    import java.util.HashMap;
    import java.util.Map;

    public class LoginActivity extends AppCompatActivity {
        public static final int REQUEST_CODE_CUSTOMER = 201;
        public static final int REQUEST_CODE_REVENUE = 202;
        public static final int REQUEST_CODE_PRODUCT = 203;

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

            // process received intent
            Intent receivedIntent = getIntent();
            String username = receivedIntent.getStringExtra("username");
            String password = receivedIntent.getStringExtra("password");

            Toast.makeText(this, "username : " + username + ", password : " + password, Toast.LENGTH_LONG).show();
        }
    }

```

## 2. MenuActivity.java

```

DoltMission08 - MenuActivity.java [DoltMission08.app]

    package org.techtown.mission08;
    import android.os.Bundle;
    import android.widget.Button;
    import android.widget.Toast;
    import androidx.appcompat.app.AppCompatActivity;
    import java.util.HashMap;
    import java.util.Map;

    public class MenuActivity extends AppCompatActivity {
        public static final int REQUEST_CODE_CUSTOMER = 201;
        public static final int REQUEST_CODE_REVENUE = 202;
        public static final int REQUEST_CODE_PRODUCT = 203;

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

            Button menu01Button = findViewById(R.id.menu01Button);
            menu01Button.setOnClickListener(new OnClickListener() {
                public void onClick(View v) {
                    Intent intent = new Intent(getApplicationContext(), CustomerActivity.class);
                    intent.putExtra("titleMsg", "고객관리 화면");
                    startActivityForResult(intent, REQUEST_CODE_CUSTOMER);
                }
            });
        }
    }

```

# 모바일소프트웨어설계 과제 #2 – 컴퓨터과학부 2018920065 루안리치

```

DoltMission08 - MenuActivity.java [DoltMission08.app]

        ...
        Intent intent = new Intent(getApplicationContext(), RevenueActivity.class);
        intent.putExtra( name: "titleMsg", value: "매출관리 화면");
        startActivityForResult(intent, REQUEST_CODE_REVENUE);

    });

    Button menu03Button = findViewById(R.id.menu03Button);
    menu03Button.setOnClickListener(new OnClickListener() {
        public void onClick(View v) {
            Intent intent = new Intent(getApplicationContext(), ProductActivity.class);
            intent.putExtra( name: "titleMsg", value: "상품관리 화면");
            startActivityForResult(intent, REQUEST_CODE_PRODUCT);
        }
    });

}

protected void onActivityResult(int requestCode, int resultCode, Intent intent) {
    super.onActivityResult(requestCode, resultCode, intent);

    if (intent != null) {
        if (requestCode == REQUEST_CODE_CUSTOMER) {
            String message = intent.getStringExtra( name: "message");

            if (message != null) {
                ...
            }
        } else if (requestCode == REQUEST_CODE_REVENUE) {
            String message = intent.getStringExtra( name: "message");

            if (message != null) {
                ...
            }
        } else if (requestCode == REQUEST_CODE_PRODUCT) {
            String message = intent.getStringExtra( name: "message");

            if (message != null) {
                ...
            }
        }
    }
}

```

```

DoltMission08 - MenuActivity.java [DoltMission08.app]

        ...
        Intent intent = new Intent(getApplicationContext(), RevenueActivity.class);
        intent.putExtra( name: "titleMsg", value: "매출관리 응답, result code : " + resultCode + ", message : " + message);

    }

} else if (requestCode == REQUEST_CODE_REVENUE) {
    String message = intent.getStringExtra( name: "message");

    if (message != null) {
        showToast("매출관리 응답, result code : " + resultCode + ", message : " + message);
    }
}

} else if (requestCode == REQUEST_CODE_PRODUCT) {
    String message = intent.getStringExtra( name: "message");

    if (message != null) {
        showToast("상품관리 응답, result code : " + resultCode + ", message : " + message);
    }
}

}

public void showToast(String message) {
    Toast.makeText(getApplicationContext(), message, Toast.LENGTH_LONG).show();
}

```

### 3. CustomerActivity.java

```

DoltMission08 - CustomerActivity.java [DoltMission08.app]
DoltMission08 > app > src > main > java > org > techtown > mission08 > CustomerActivity.java
1 package org.techtown.mission08;
2
3 import ...
4
5 public class CustomerActivity extends AppCompatActivity {
6     TextView titleText;
7     public static final int REQUEST_CODE_CUSTOMER_L = 102;
8
9     @Override
10    protected void onCreate(Bundle savedInstanceState) {
11        super.onCreate(savedInstanceState);
12        setContentView(R.layout.activity_customer);
13
14        titleText = findViewById(R.id.titleText);
15
16        // process received intent
17        Intent receivedIntent = getIntent();
18        String titleMsg = receivedIntent.getStringExtra("titleMsg");
19
20        Toast.makeText(this, text: "titleMsg : " + titleMsg, Toast.LENGTH_LONG).show();
21
22        if (titleText != null) {
23            titleText.setText(titleMsg);
24        }
25
26
27        Button backmButton = findViewById(R.id.backmenuButton);
28        backmButton.setOnClickListener(new OnClickListener() {
29            public void onClick(View v) {
30                Intent resultIntent = new Intent(getApplicationContext(), MenuActivity.class);
31                resultIntent.putExtra("name: " message, value: "result message is OK!");
32                setResult(Activity.RESULT_OK, resultIntent);
33                finish();
34            }
35        });
36
37
38        Button backlButton = findViewById(R.id.backloginButton);
39        backlButton.setOnClickListener(new OnClickListener() {
40            public void onClick(View v) {
41                Intent intent = new Intent(getApplicationContext(), LoginActivity.class);
42                startActivityForResult(intent, REQUEST_CODE_CUSTOMER_L);
43            }
44        });
45
46    }
47
48
49
50
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52
53
54
55
56
57
}

```

```

DoltMission08 - CustomerActivity.java [DoltMission08.app]
DoltMission08 > app > src > main > java > org > techtown > mission08 > CustomerActivity.java
1 package org.techtown.mission08;
2
3 import ...
4
5 public class CustomerActivity extends AppCompatActivity {
6     TextView titleText;
7     public static final int REQUEST_CODE_CUSTOMER_L = 102;
8
9     @Override
10    protected void onCreate(Bundle savedInstanceState) {
11        super.onCreate(savedInstanceState);
12        setContentView(R.layout.activity_customer);
13
14        titleText = findViewById(R.id.titleText);
15
16        // process received intent
17        Intent receivedIntent = getIntent();
18        String titleMsg = receivedIntent.getStringExtra("titleMsg");
19
20        Toast.makeText(this, text: "titleMsg : " + titleMsg, Toast.LENGTH_LONG).show();
21
22        if (titleText != null) {
23            titleText.setText(titleMsg);
24        }
25
26
27        Button backmButton = findViewById(R.id.backmenuButton);
28        backmButton.setOnClickListener(new OnClickListener() {
29            public void onClick(View v) {
30                Intent resultIntent = new Intent(getApplicationContext(), MenuActivity.class);
31                resultIntent.putExtra("name: " message, value: "result message is OK!");
32                setResult(Activity.RESULT_OK, resultIntent);
33                finish();
34            }
35        });
36
37
38        Button backlButton = findViewById(R.id.backloginButton);
39        backlButton.setOnClickListener(new OnClickListener() {
40            public void onClick(View v) {
41                Intent intent = new Intent(getApplicationContext(), LoginActivity.class);
42                startActivityForResult(intent, REQUEST_CODE_CUSTOMER_L);
43            }
44        });
45
46    }
47
48
49
50
51
52
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54
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56
57
}

```

#### 4. RevenueActivity.java

```

DoltMission08 - RevenueActivity.java [DoltMission08.app]
DoltMission08 > app > src > main > java > org > techtown > mission08 > RevenueActivity.java
1 package org.techtown.mission08;
2
3 import ...
4
5
6 public class RevenueActivity extends AppCompatActivity {
7
8     TextView titleText;
9
10    public static final int REQUEST_CODE_REVENUE_L = 104;
11
12    @Override
13    protected void onCreate(Bundle savedInstanceState) {
14        super.onCreate(savedInstanceState);
15        setContentView(R.layout.activity_revenue);
16
17        titleText = (TextView) findViewById(R.id.titleText);
18
19        // process received intent
20        Intent receivedIntent = getIntent();
21        String titleMsg = receivedIntent.getStringExtra("name: " + "titleMsg");
22
23        Toast.makeText(this, text: "titleMsg : " + titleMsg, Toast.LENGTH_LONG).show();
24
25        if (titleText != null) {
26            titleText.setText(titleMsg);
27        }
28
29
30        Button backMBButton = findViewById(R.id.backmenuButton);
31        backMBButton.setOnClickListener(new OnClickListener() {
32            public void onClick(View v) {
33                Intent resultIntent = new Intent(getApplicationContext(), MenuActivity.class);
34                resultIntent.putExtra("name: " + "message", value: "result message is OK!");
35            }
36
37        });
38
39
40        Button backLBButton = findViewById(R.id.backloginButton);
41        backLBButton.setOnClickListener(new OnClickListener() {
42            public void onClick(View v) {
43                Intent intent = new Intent(getApplicationContext(), LoginActivity.class);
44                startActivityForResult(intent, REQUEST_CODE_REVENUE_L);
45            }
46
47        });
48
49
50    }
51
52
53
54
55
56
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58
59

```

```

DoltMission08 - RevenueActivity.java [DoltMission08.app]
DoltMission08 > app > src > main > java > org > techtown > mission08 > RevenueActivity.java
1 package org.techtown.mission08;
2
3 import ...
4
5
6 public class RevenueActivity extends AppCompatActivity {
7
8     TextView titleText;
9
10    public static final int REQUEST_CODE_REVENUE_L = 104;
11
12    @Override
13    protected void onCreate(Bundle savedInstanceState) {
14        super.onCreate(savedInstanceState);
15        String titleMsg = getIntent.getStringExtra("name: " + "titleMsg");
16
17        if (titleText != null) {
18            titleText.setText(titleMsg);
19        }
20
21
22        Button backMBButton = findViewById(R.id.backmenuButton);
23        backMBButton.setOnClickListener(new OnClickListener() {
24            public void onClick(View v) {
25                Intent resultIntent = new Intent(getApplicationContext(), MenuActivity.class);
26                resultIntent.putExtra("name: " + "message", value: "result message is OK!");
27
28                setResult(Activity.RESULT_OK, resultIntent);
29                finish();
30            }
31
32        });
33
34
35        Button backLBButton = findViewById(R.id.backloginButton);
36        backLBButton.setOnClickListener(new OnClickListener() {
37            public void onClick(View v) {
38                Intent intent = new Intent(getApplicationContext(), LoginActivity.class);
39                startActivityForResult(intent, REQUEST_CODE_REVENUE_L);
40            }
41
42        });
43
44
45
46
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59

```

## 5. ProductActivity.java

```

DoltMission08 - ProductActivity.java [DoltMission08.app]
Project  Android  app  src  main  java  org  techtown  mission08  LoginActivity.java  MenuActivity.java  CustomerActivity.java  ProductActivity.java  RevenueActivity.java

1 package org.techtown.mission08;
2
3 import ...
4
5
6 public class ProductActivity extends AppCompatActivity {
7
8     TextView titleText;
9
10    public static final int REQUEST_CODE_PRODUCT_L = 103;
11
12    @Override
13    protected void onCreate(Bundle savedInstanceState) {
14        super.onCreate(savedInstanceState);
15        setContentView(R.layout.activity_product);
16
17        titleText = findViewById(R.id.titleText);
18
19        // process received intent
20        Intent receivedIntent = getIntent();
21        String titleMsg = receivedIntent.getStringExtra("name: "titleMsg");
22
23        Toast.makeText( context: this, text: "titleMsg : " + titleMsg, Toast.LENGTH_LONG).show();
24
25        if (titleText != null) {
26            titleText.setText(titleMsg);
27        }
28
29
30        Button backButton = findViewById(R.id.backmenuButton);
31        backButton.setOnClickListener(new OnClickListener() {
32            public void onClick(View v) {
33                Intent resultIntent = new Intent(getApplicationContext(), MenuActivity.class);
34                resultIntent.putExtra( name: "message", value: "result message is OK!");
35                setResult(Activity.RESULT_OK, resultIntent);
36            }
37
38
39        });
40
41
42        Button backLButton = findViewById(R.id.backloginButton);
43        backLButton.setOnClickListener(new OnClickListener() {
44            public void onClick(View v) {
45                Intent intent = new Intent(getApplicationContext(), LoginActivity.class);
46                startActivityForResult(intent, REQUEST_CODE_PRODUCT_L);
47            }
48
49        });
50
51
52    }
53
54
55
56
57
58
59
}

```

```

DoltMission08 - ProductActivity.java [DoltMission08.app]
Project  Android  app  src  main  res  values  LoginActivity.java  MenuActivity.java  CustomerActivity.java  ProductActivity.java  RevenueActivity.java

31
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34
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```

## 6. Activity\_login.xml

The screenshot shows the Android Studio interface with the project 'DoltMission08' open. The left sidebar shows the project structure with 'activity\_login.xml' selected. The main area displays the XML code for the login screen:

```

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

    <TextView
        android:layout_width="180dp"
        android:layout_height="wrap_content"
        android:layout_margin="50dp"
        android:text="로그인하기"
        android:textColor="#ff333333"
        android:textSize="24dp"
        android:textStyle="bold" />

    <RelativeLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        android:layout_centerInParent="true"
        android:background="#aaffffff" >

        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentLeft="true"
            android:layout_marginStart="4dp"
            android:layout_marginLeft="4dp"
            android:layout_marginTop="4dp"
            android:layout_marginEnd="4dp"
            android:layout_marginRight="4dp"
            android:layout_marginBottom="4dp" >
    
```

The right side of the interface shows the 'Design' tab, which displays a preview of the login screen with a title '로그인하기' and two input fields labeled '아이디' and '비밀번호' with a '로그인' button.

This screenshot shows the same Android Studio environment with the XML code for 'activity\_login.xml' now including additional styling and components:

```

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

    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginRight="4dp"
        android:layout_marginBottom="4dp"
        android:layout_toLeftOf="@+id/LoginButton"
        android:orientation="vertical" >

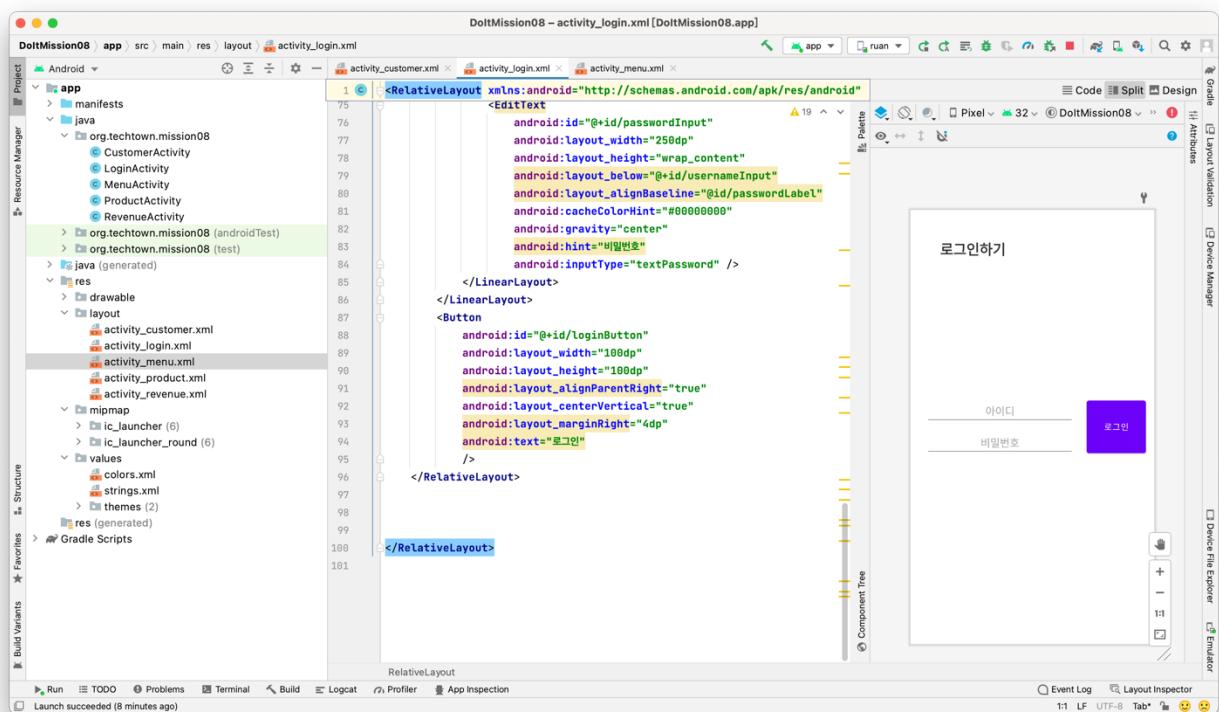
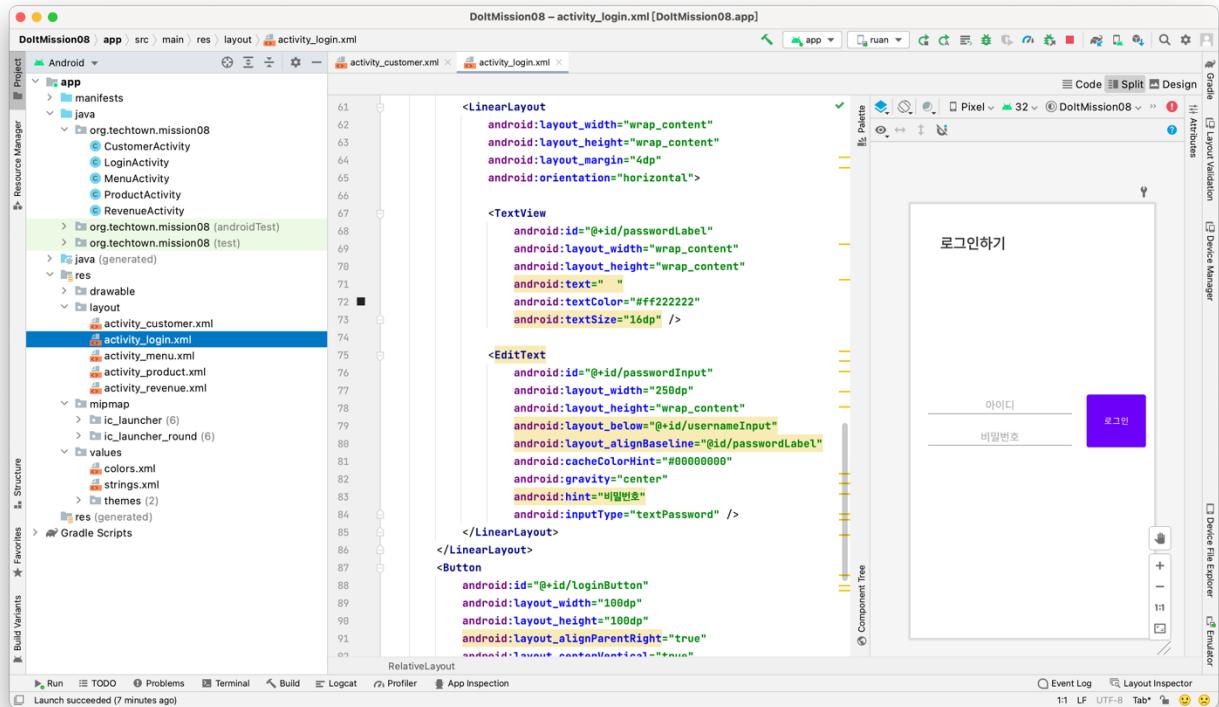
        <LinearLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_margin="4dp"
            android:orientation="horizontal" >

                <TextView
                    android:id="@+id/usernameLabel"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:layout_weight="1"
                    android:text=" "
                    android:textColor="#f2222222"
                    android:textSize="16dp" />

                <EditText
                    android:id="@+id/usernameInput"
                    android:layout_width="250dp"
                    android:layout_height="wrap_content"
                    android:layout_weight="1"
                    android:layout_alignBaseline="@+id/usernameLabel"
                    android:cacheColorHint="#00000000"
                    android:gravity="center"
                    android:hint="아이디" />
            
```

The 'Design' tab on the right shows the updated layout with a vertical stack of components: a title '로그인하기', a horizontal input field for '아이디' with a placeholder ' ', and an 'EditText' for '비밀번호' with a placeholder '아이디' and a '로그인' button.

# 모바일소프트웨어설계 과제 #2 – 컴퓨터과학부 2018920065 루안리치



## 7. Activity\_menu.xml

```

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

    <TextView
        android:layout_width="180dp"
        android:layout_height="wrap_content"
        android:layout_margin="50dp"
        android:text="메인메뉴"
        android:textColor="#ff333333"
        android:textSize="24dp"
        android:textStyle="bold" />

    <LinearLayout
        android:orientation="vertical"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        android:padding="20dp"
        android:layout_centerInParent="true"
        android:background="#aaffffff" >

        <Button
            android:id="@+id/menu01Button"
            android:layout_width="180dp"
            android:layout_height="wrap_content"
            android:layout_marginTop="30dp"
            android:text="고객 관리"
            android:textSize="18dp"
            android:textStyle="bold" />

        <Button
            android:id="@+id/menu02Button"
            android:layout_width="180dp"
            android:layout_height="wrap_content"
            android:layout_marginTop="30dp"
            android:text="매출 관리"
            android:textSize="18dp"
            android:textStyle="bold" />

        <Button
            android:id="@+id/menu03Button"
            android:layout_width="180dp"
            android:layout_height="wrap_content"
            android:layout_marginTop="30dp"
            android:text="상품 관리"
            android:textSize="18dp"
            android:textStyle="bold" />
    </LinearLayout>
</RelativeLayout>

```

```

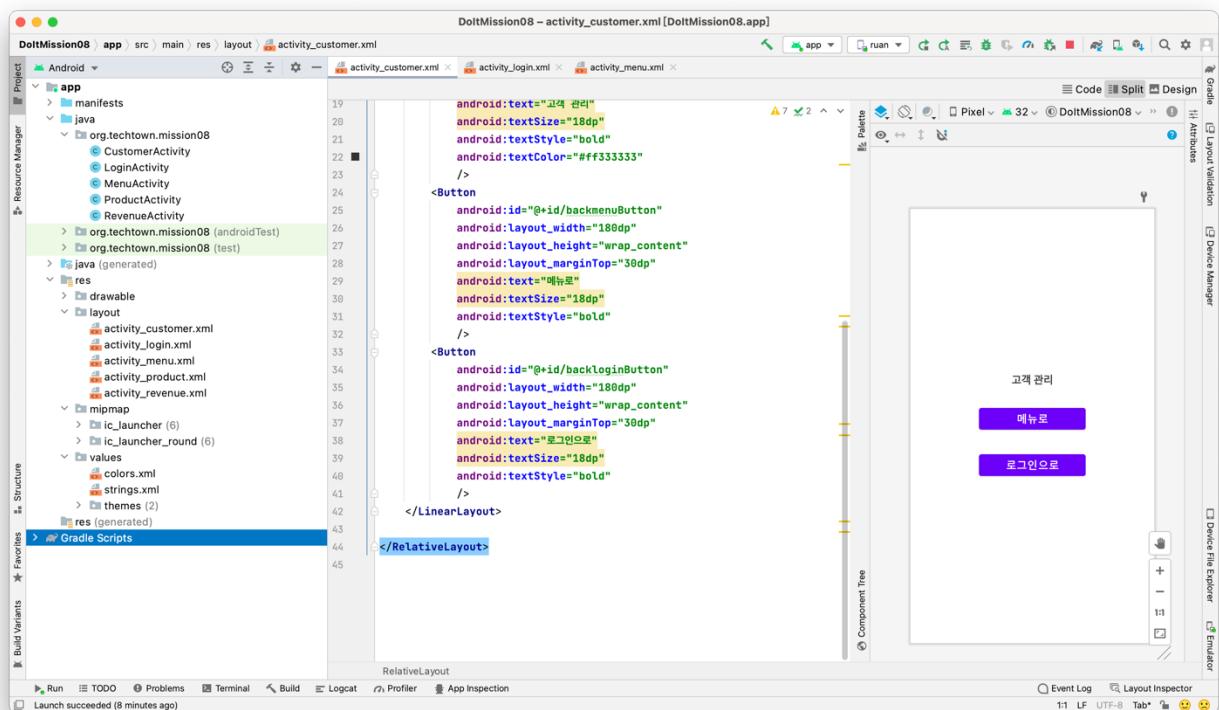
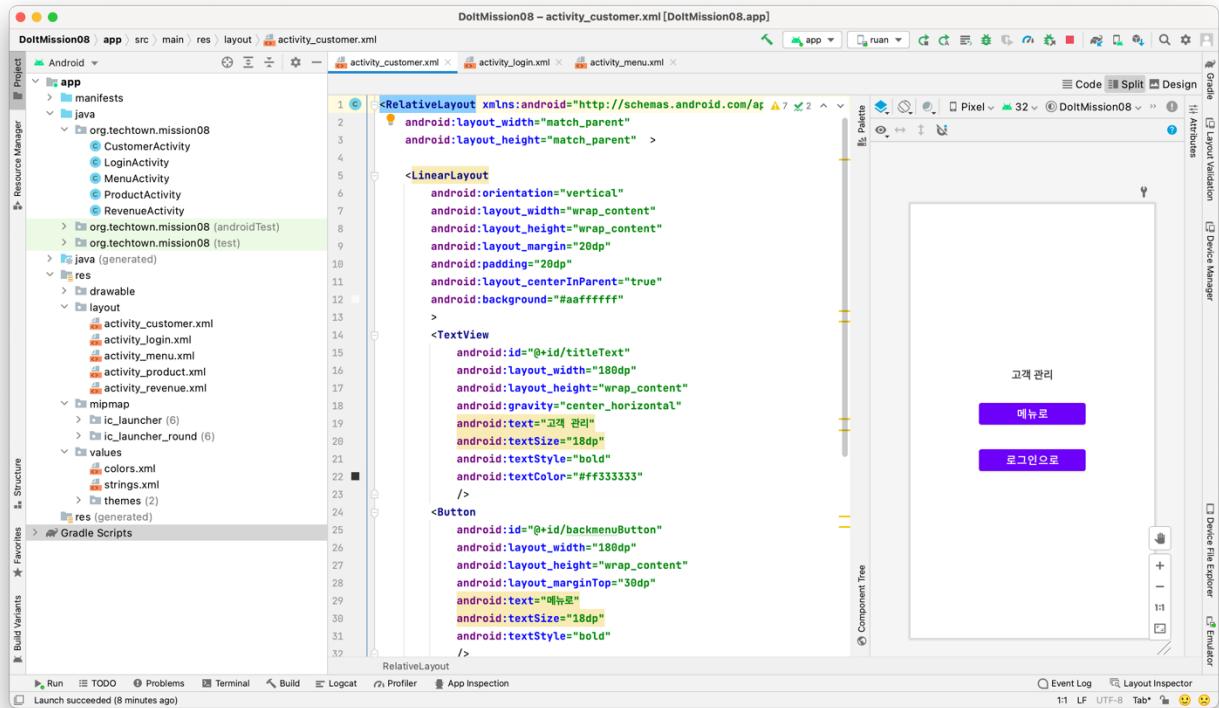
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="180dp"
    android:layout_height="wrap_content"
    android:layout_margin="30dp"
    android:text="고객 관리"
    android:textSize="18dp"
    android:textStyle="bold" />

    <Button
        android:id="@+id/menu02Button"
        android:layout_width="180dp"
        android:layout_height="wrap_content"
        android:layout_marginTop="30dp"
        android:text="매출 관리"
        android:textSize="18dp"
        android:textStyle="bold" />

    <Button
        android:id="@+id/menu03Button"
        android:layout_width="180dp"
        android:layout_height="wrap_content"
        android:layout_marginTop="30dp"
        android:text="상품 관리"
        android:textSize="18dp"
        android:textStyle="bold" />
</RelativeLayout>

```

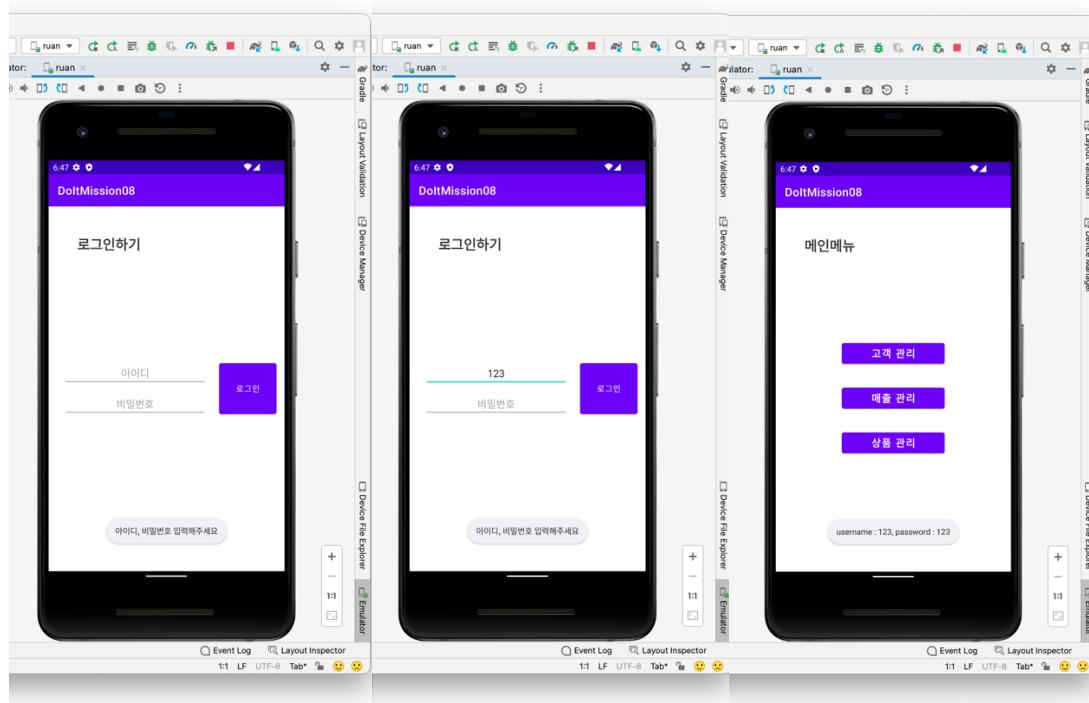
## 8. Activity\_customer.xml



## 9. Activity\_revenue.xml, Activity\_product.xml

Activity\_customer.xml 과 거의 비슷해서 생략)

## 10. AVD



(아이디, 비번 미입력)

(비번 미입력)

(비번 입력->메뉴화면)

