LAB 2.1

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| 소스코드 < MainActivity.java > |
| **package** org.androidtown.hello;  **import** android.app.SearchManager; **import** android.content.\*; **import** android.net.Uri; **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.\*; **import** android.util.\*; **public class** MainActivity **extends** AppCompatActivity {    @Override  **protected void** onCreate(Bundle savedInstanceState) {   **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);  *//View를 activity\_main로 선언합니다.* Button button1 = findViewById(R.id.***addButton***);   }   *//addButton의 버튼이벤트를 정의합니다.* **public void** eventButtonAdd(View view){  EditText nameText = findViewById(R.id.***nameText***);  EditText ageText = findViewById(R.id.***ageText***);  *//택스트를 가져온다.* String UserName = nameText.getText().toString();  String UserAge = ageText.getText().toString();  *//Intent로 값을 쉽게 넘겨준다.* Intent intent = **new** Intent (getApplicationContext(), activity\_new.**class**);  intent.putExtra(**"loginName"**, UserName);  intent.putExtra(**"loginAge"**, UserAge);  startActivity(intent);  }   } |

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| 소스코드 < activity\_new.java> |
| **package** org.androidtown.hello;  **import** android.app.Service; **import** android.os.IBinder; **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.content.\*; **import** android.widget.\*; **import** android.view.View;  **public class** activity\_new **extends** AppCompatActivity {    @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_new***);  *//버튼을 정의한다.* Button button1 = findViewById(R.id.***backButton***);   *//Intent 의 값을 불러온다.* Intent mainIntent=getIntent();  *//각각이름과 나이의 값을 저장하고 Toast를 이용해서 출력한다.* String loginName = mainIntent.getStringExtra(**"loginName"**);  String loginAge = mainIntent.getStringExtra(**"loginAge"**);   Toast.*makeText*(getApplicationContext(), **"Student info : "** + loginName + **", "** + loginAge,  Toast.***LENGTH\_LONG***).show();  }   **public void** backButtonEvent(View view){  *//activity\_new를 완료하고 원래 main으로 돌아간다.* finish();  } } |

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| 소스코드 < active\_new.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="org.androidtown.hello.activity\_new"**>   <**Button  android:id="@+id/backButton"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_gravity="center"  android:onClick="backButtonEvent"  android:text="돌아가기"** /> </**LinearLayout**> |
| 소스코드 < 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"  android:background="#ffffff"** >   <**EditText  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:id="@+id/nameText"  android:hint="이름"** />    <**EditText  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="나이"  android:id="@+id/ageText"**/>   <**Button  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_gravity="center"  android:id="@+id/addButton"  android:onClick="eventButtonAdd"  android:text="추가"** />  </**LinearLayout**> |

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LAB 2.2

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| 소스코드 < MainActivity.java > |
| **package** org.androidtown.hello;  **import** android.app.SearchManager; **import** android.content.\*; **import** android.net.Uri; **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.view.View; **import** android.widget.\*; **import** android.util.\*; **public class** MainActivity **extends** AppCompatActivity {    @Override  **protected void** onCreate(Bundle savedInstanceState) {   **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);  *//View를 activity\_main로 선언합니다.* Button button1 = findViewById(R.id.***nextButton***);   }   *//addButton의 버튼이벤트를 정의합니다.* **public void** eventButtonNext(View view){  EditText urlText = findViewById(R.id.***urlText***);  *//택스트를 가져온다.* String userUrl = urlText.getText().toString();  *//Intent로 값을 쉽게 넘겨준다.* Intent intent = **new** Intent (getApplicationContext(), activity\_new.**class**);  intent.putExtra(**"UserUrl"**, userUrl);  startActivity(intent);  }   } |

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| 소스코드 < activity\_new.java> |
| **package** org.androidtown.hello;  **import** android.app.Service; **import** android.os.IBinder; **import** android.support.v7.app.AppCompatActivity; **import** android.os.Bundle; **import** android.content.\*; **import** android.widget.\*; **import** android.view.View; **import** android.net.\*;  **public class** activity\_new **extends** AppCompatActivity {   String **userUrl**;  TextView **urltextView**;  @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_new***);  *//버튼을 정의한다.* Button button1 = findViewById(R.id.***backButton***);   *//Intent 의 값을 불러온다.* Intent mainIntent=getIntent();  *//각각이름과 나이의 값을 저장하고 Toast를 이용해서 출력한다.* **userUrl** = mainIntent.getStringExtra(**"UserUrl"**);  *//텍스트 뷰를 선언하고 그 값을 넣어줍니다.* **urltextView** = findViewById(R.id.***urltextView***);  **urltextView**.setText(**userUrl**);  }   **public void** backButtonEvent(View view){  *//back버튼에 돌아갈때 toast값을 출력합니다.* Toast.*makeText*(getApplication(), **"돌아가기버튼을 눌렀습니다."**, Toast.***LENGTH\_LONG***).show();  *//activity\_new를 완료하고 원래 main으로 돌아간다.* finish();  }   **public void** goButtonEvent(View view){  **if**(**userUrl**.length() >= 1) {  *//입력된 Url 주소 text에 http:// 를 붙여서 홈페이지 열게 합니다.* Intent intent = **new** Intent(Intent.***ACTION\_VIEW***, Uri.*parse*(**"http://"** + **userUrl**));  startActivity(intent);  }  **else**{  *//문자열의 길이가 1이 아니면 즉 아무문자도 없으면 이 toast를 출력합니다.* Toast.*makeText*(getApplication(), **"주소를 다시입력해주십시오"**, Toast.***LENGTH\_LONG***).show();  }  }  } |

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| 소스코드 < active\_new.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"  android:orientation="vertical"  tools:context="org.androidtown.hello.activity\_new"**>   <**Button  android:id="@+id/backButton"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentEnd="true"  android:layout\_alignParentRight="true"  android:layout\_alignParentTop="true"  android:layout\_gravity="center"  android:layout\_marginEnd="88dp"  android:layout\_marginRight="88dp"  android:layout\_marginTop="54dp"  android:onClick="backButtonEvent"  android:text="Back"** />   <**Button  android:id="@+id/goButton"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignBaseline="@+id/backButton"  android:layout\_alignBottom="@+id/backButton"  android:layout\_gravity="center"  android:layout\_marginEnd="15dp"  android:layout\_marginRight="15dp"  android:layout\_toLeftOf="@+id/backButton"  android:layout\_toStartOf="@+id/backButton"  android:onClick="goButtonEvent"  android:text="Go"** />   <**TextView  android:id="@+id/urltextView"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignParentLeft="true"  android:layout\_alignParentStart="true"  android:layout\_alignParentTop="true"  android:layout\_marginLeft="15dp"  android:layout\_marginStart="15dp"  android:layout\_marginTop="16dp"  android:text=""** /> </**RelativeLayout**> |

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| 소스코드 < 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"  android:background="#ffffff"** >   <**EditText  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="URL"  android:id="@+id/urlText"**/>   <**Button  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_gravity="center"  android:id="@+id/nextButton"  android:onClick="eventButtonNext"  android:text="Next"** />  </**LinearLayout**> |

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