



ANDROID

UNIVERSITAS KOMPUTER INDONESIA

BAB III.

HELLO WORLD

Dosen Pembina :

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HelloWorld1 (1)

Buatlah sebuah proyek baru dengan spesifikasi dibawah ini :



New Android Application

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Creates a new Android Application

Application Name:

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Theme:

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HelloWorld1 (2)

MainActivity.java

```
package com.latihan.hello1;

import android.os.Bundle;
import android.app.Activity;
import android.view.Menu;

public class MainActivity extends Activity {
    @Override
    protected void onCreate(Bundle savedInstanceState) { //metode wajib ada
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) { //metode opsional
        // Inflate the menu; this adds items to the action bar if it is present.
        getMenuInflater().inflate(R.menu.main, menu);
        return true;
    }
}
```

HelloWorld1 (3)

activity_main.xml

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context=".MainActivity" >
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/hello_world" />
</RelativeLayout>
```

HelloWorld1 (4)

R.java

```
package com.latihan.hello1;
```

```
public final class R {
```

```
    public static final class attr {  
    }  
}
```

```
    public static final class dimen {  
        public static final int activity_horizontal_margin=0x7f040000;  
        public static final int activity_vertical_margin=0x7f040001;  
    }  
}
```

```
    public static final class drawable {  
        public static final int ic_launcher=0x7f020000;  
    }  
}
```

```
    public static final class id {  
        public static final int action_settings=0x7f080000;  
    }  
}
```

```
    public static final class layout {  
        public static final int activity_main=0x7f030000;  
    }  
}
```

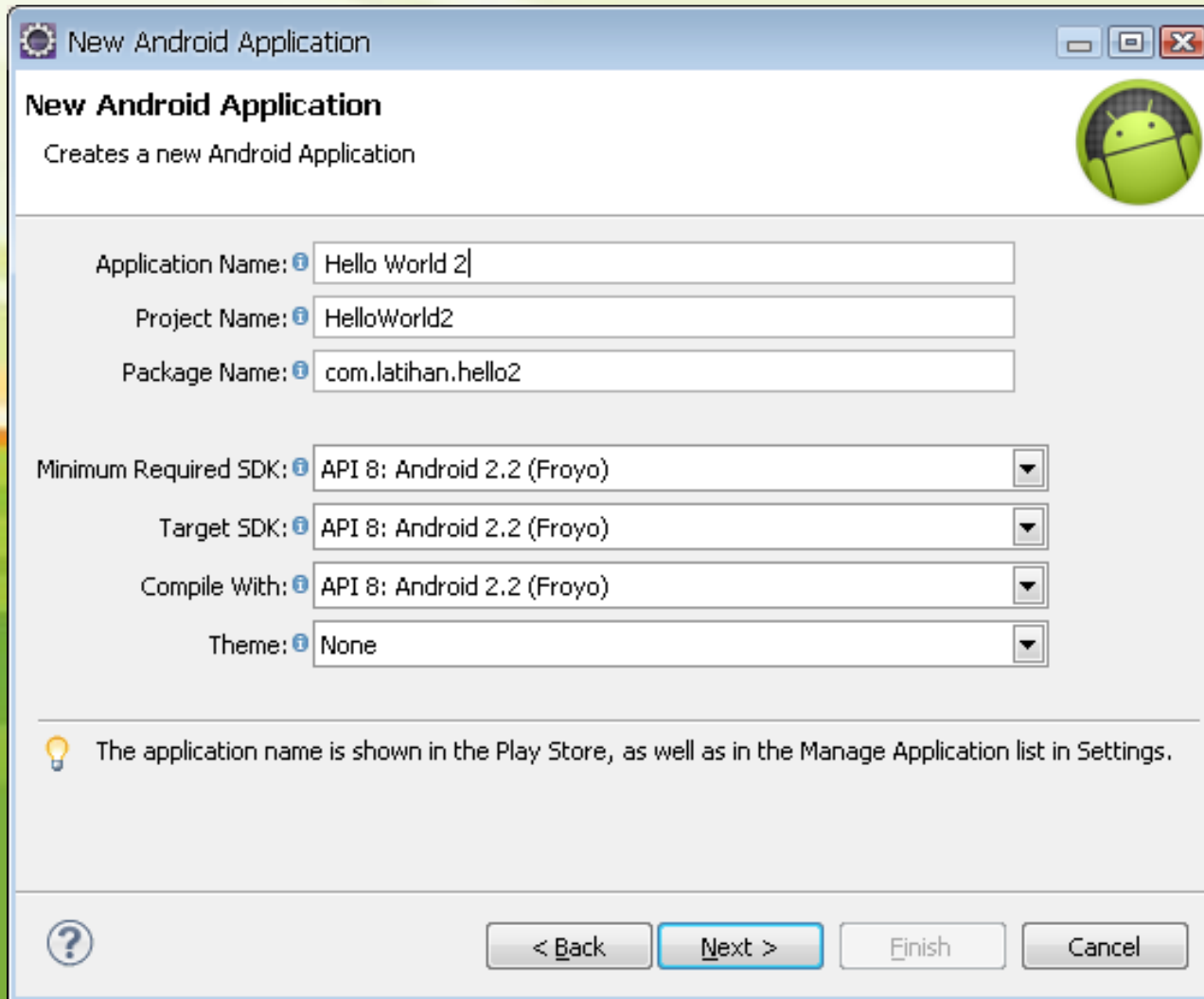
```
    public static final class menu {  
        public static final int main=0x7f070000;  
    }  
}
```

```
    public static final class string {  
        public static final int action_settings=0x7f050001;  
        public static final int app_name=0x7f050000;  
        public static final int hello_world=0x7f050002;  
    }  
}
```

```
    public static final class style {  
        public static final int AppBaseTheme=0x7f060000;  
        public static final int AppTheme=0x7f060001;  
    }  
}
```

HelloWorld2 (1)

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HelloWorld2 (2)

MainActivity.java

```
package com.latihan.hello2;

import android.os.Bundle;
import android.widget.TextView;
import android.app.Activity;

public class MainActivity extends Activity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        TextView txtHello = new TextView(this);
        txtHello.setText("Hello World!");
        setContentView(txtHello);
    }
}
```


HelloWorld2 (3)

activity_main.xml

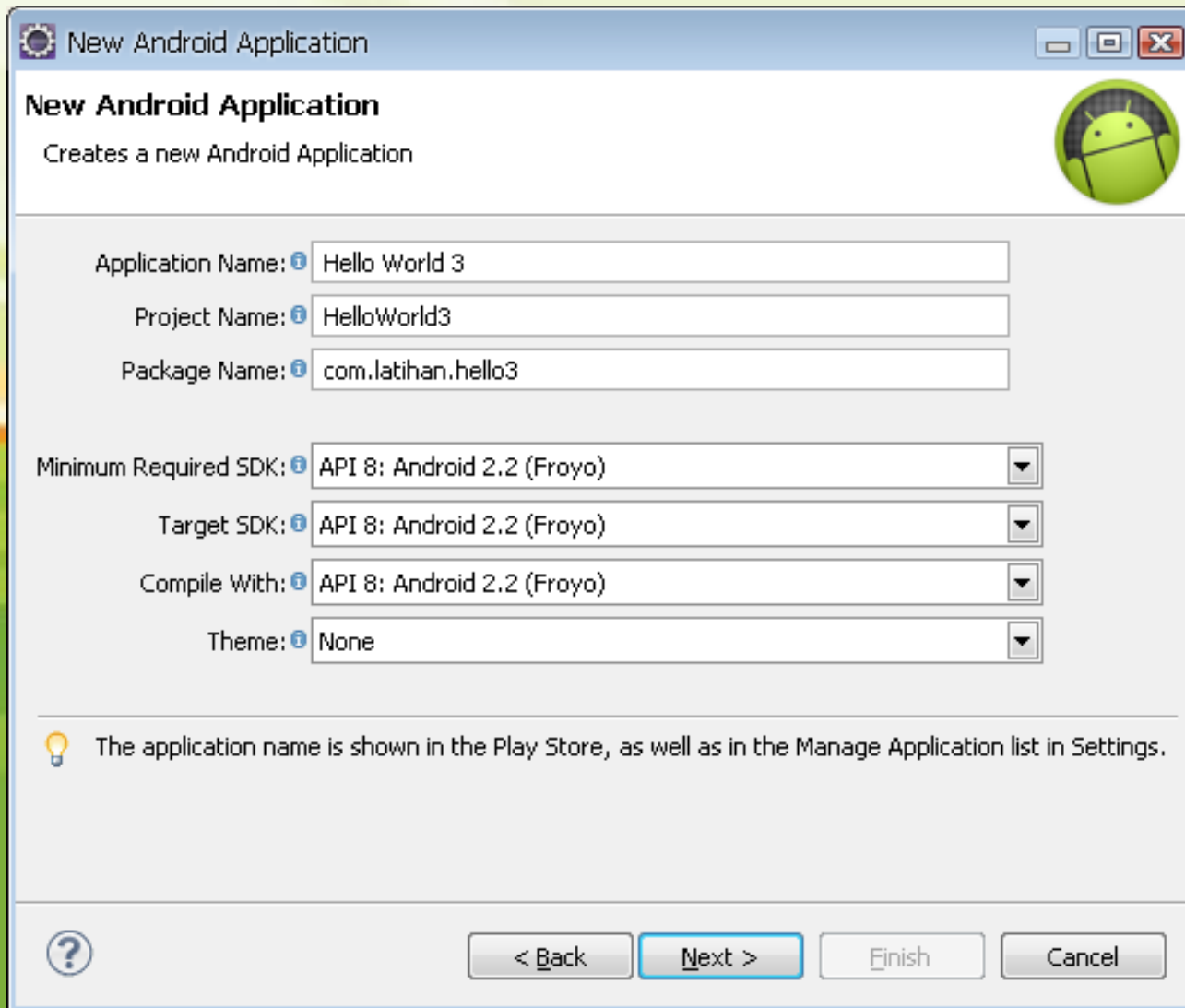
```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context=".MainActivity" >
```

```
//Hapus TextView
```

```
</RelativeLayout>
```

HelloWorld3 (1)

Buatlah sebuah proyek baru dengan spesifikasi dibawah ini :



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HelloWorld3 (2)

activity_main.xml

```
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical" >
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="TextView" />
<TextView
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:text="Large Text"
    android:background="#ff0000ff"
    android:textColor="#ff00ff00"
    android:textAppearance="?android:attr/textAppearanceLarge" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Medium Text"
    android:textColor="#ffffff00"
    android:textAppearance="?android:attr/textAppearanceMedium"
/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Small Text"
    android:textColor="#abcdef"
    android:textAppearance="?android:attr/textAppearanceSmall" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center_horizontal"
    android:text="Teks 1"
    android:textSize="10dp" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="left"
    android:text="Teks 2"
    android:textSize="15dp" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="right"
    android:text="Teks 3"
    android:textSize="20dp" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/hello_world" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/halo_bandung" />
</LinearLayout>
```

HelloWorld3 (3)

UI dari activity_main.xml



HelloWorld3 (4)

strings.xml

```
<?xml version="1.0" encoding="utf-8"?>  
<resources>  
  <string name="app_name">Hello World 3</string>  
  <string name="action_settings">Settings</string>  
  <string name="hello_world">Hello world!</string>  
  <string name="halo_bandung">Halo Kota Bandung</string>  
</resources>
```

HelloWorld3 (5)



Terima Kasih

