



JÖNKÖPING UNIVERSITY

School of Engineering

ANDROID DIALOGS

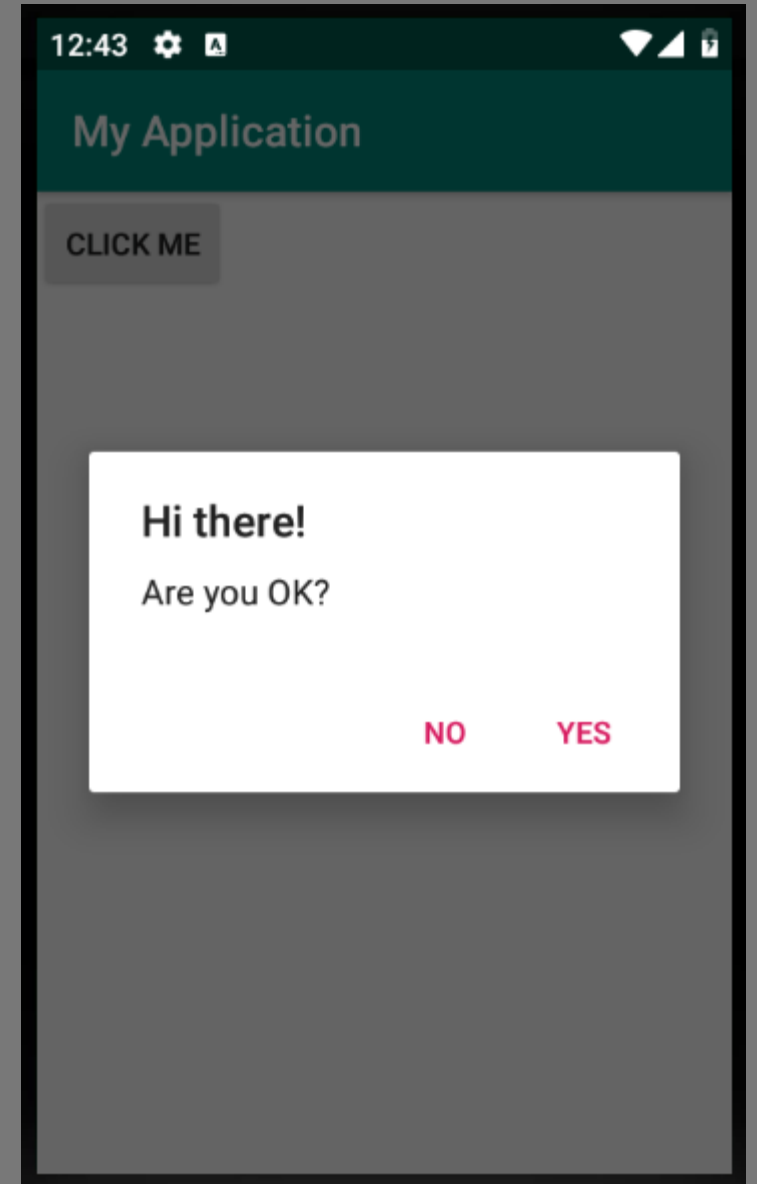
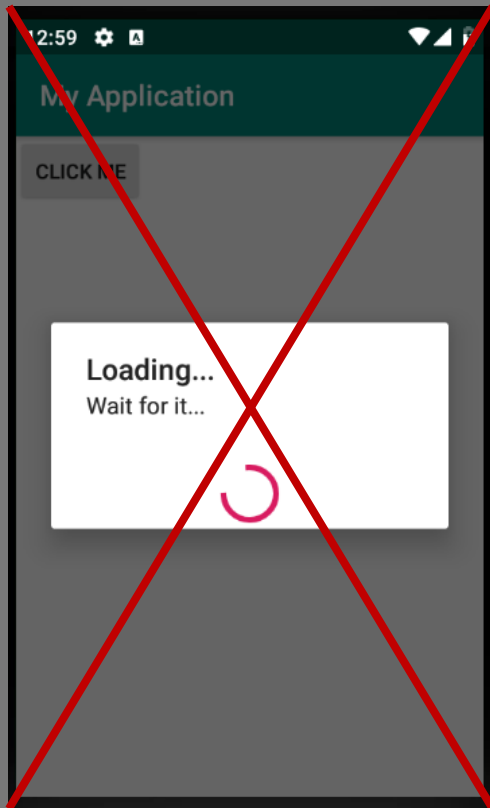
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WHAT IS A DIALOG?

A dialog, not a monolog.



HOW TO CREATE A DIALOG

A dialog is represented by the `Dialog` class.

```
Dialog dialog = new Dialog(aContext);  
dialog.setTitle("The title");  
dialog.setCancelable(true);  
dialog setContentView(R.layout.dialog_example);  
dialog.show();
```

THE ALERT DIALOG

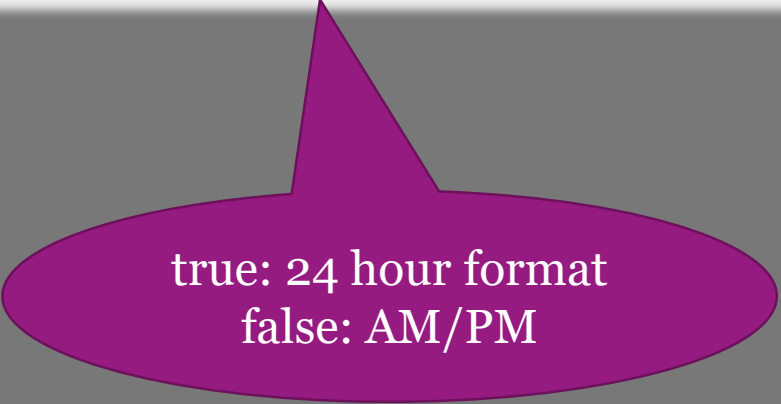
```
new AlertDialog.Builder(aContext)
    .setTitle("The title...")
    .setMessage("The message...")
    .setPositiveButton("Positive text", new DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface dialog, int which) {
            // Handle it...
        }
    })
    .setNegativeButton("Negative text", new DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface dialog, int which) {
            // Handle it...
        }
    })
    .create()
    .show();
```

THE DATE PICKER DIALOG

```
new DatePickerDialog(aContext, new DatePickerDialog.OnDateSetListener() {  
    @Override  
    public void onDateSet(DatePicker view, int year, int month, int dayOfMonth) {  
        // Handle it...  
    }  
}, 2019, 2, 10).show();
```

THE TIME PICKER DIALOG

```
new TimePickerDialog(aContext, new TimePickerDialog.OnTimeSetListener() {  
    @Override  
    public void onTimeSet(TimePicker view, int hourOfDay, int minute) {  
        // Handle it...  
    }  
}, 18, 55, true).show();
```



true: 24 hour format
false: AM/PM

CONFIGURATION CHANGES...

```
public class MyDialogFragment extends DialogFragment{  
    @Override  
    public Dialog onCreateDialog(@Nullable Bundle savedInstanceState) {  
        // Build/Create the dialog instance and then:  
        return backTheDialogInstance;  
    }  
}
```

```
new MyDialogFragment().show(  
    getSupportFragmentManager(),  
    "a-tag"  
);
```