

# Introduction

Android Development

NIFR 2023

# Digital Kultur ~~A~~Endring

10/2	Understanding Digital Media & Culture	NIFR	Grupper
21/2	Artificial Intelligence	BEHU	
3/3	Digital Identity & Promotion of self	NIFR	Have valgt et emne
16/3	Privacy, Politics & Crime	NIFR / XHEK	Vejledning
30/3	Guest Lecturer: Meme Culture, Shitstorms & Lovestorms	NIFR / ANAC	Vejledning
30/4	Ingen forelæsning		Aflevering
4/5	Studerseminar: Elevatorpitch & Feedback	ITA-22	

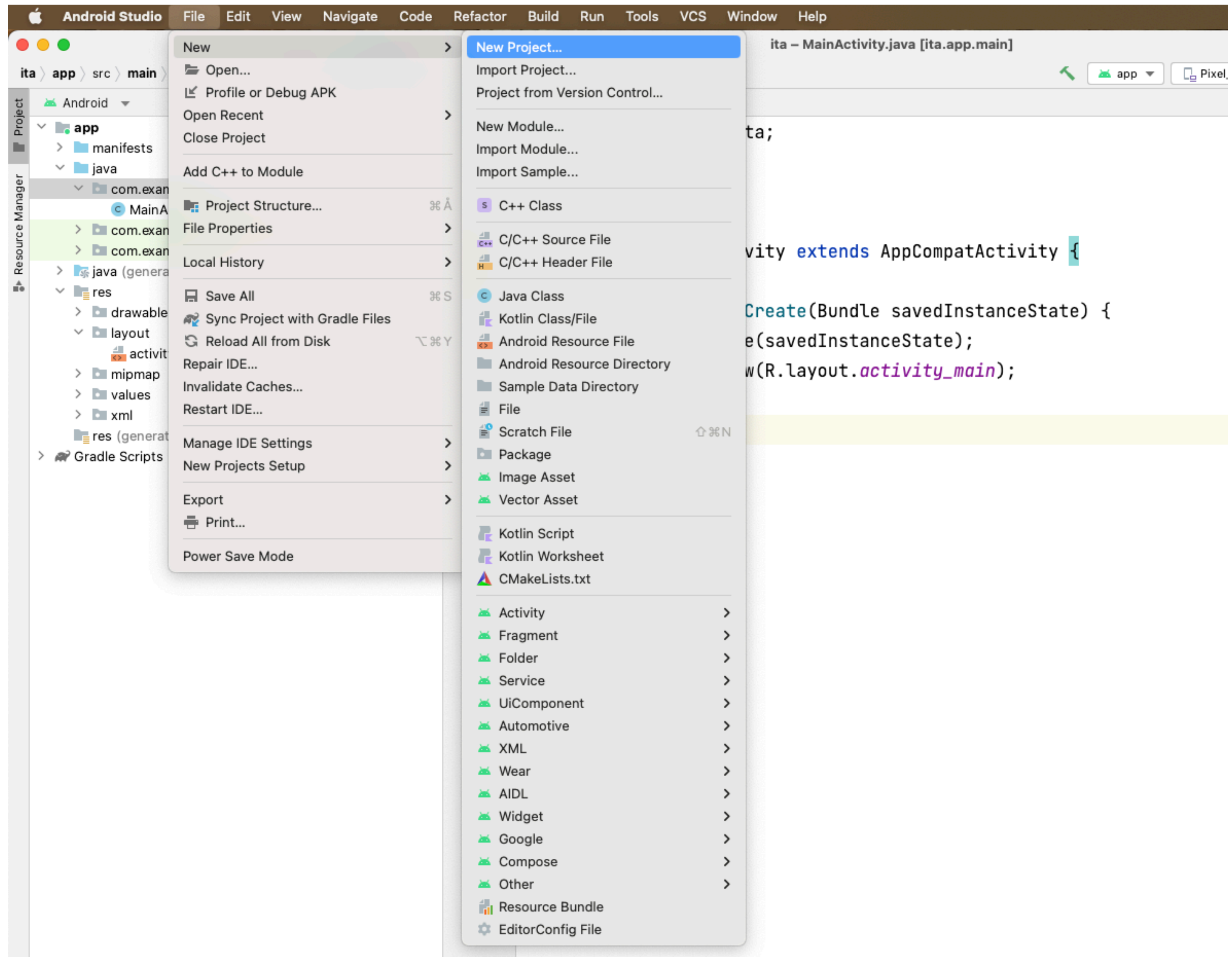
# Agenda

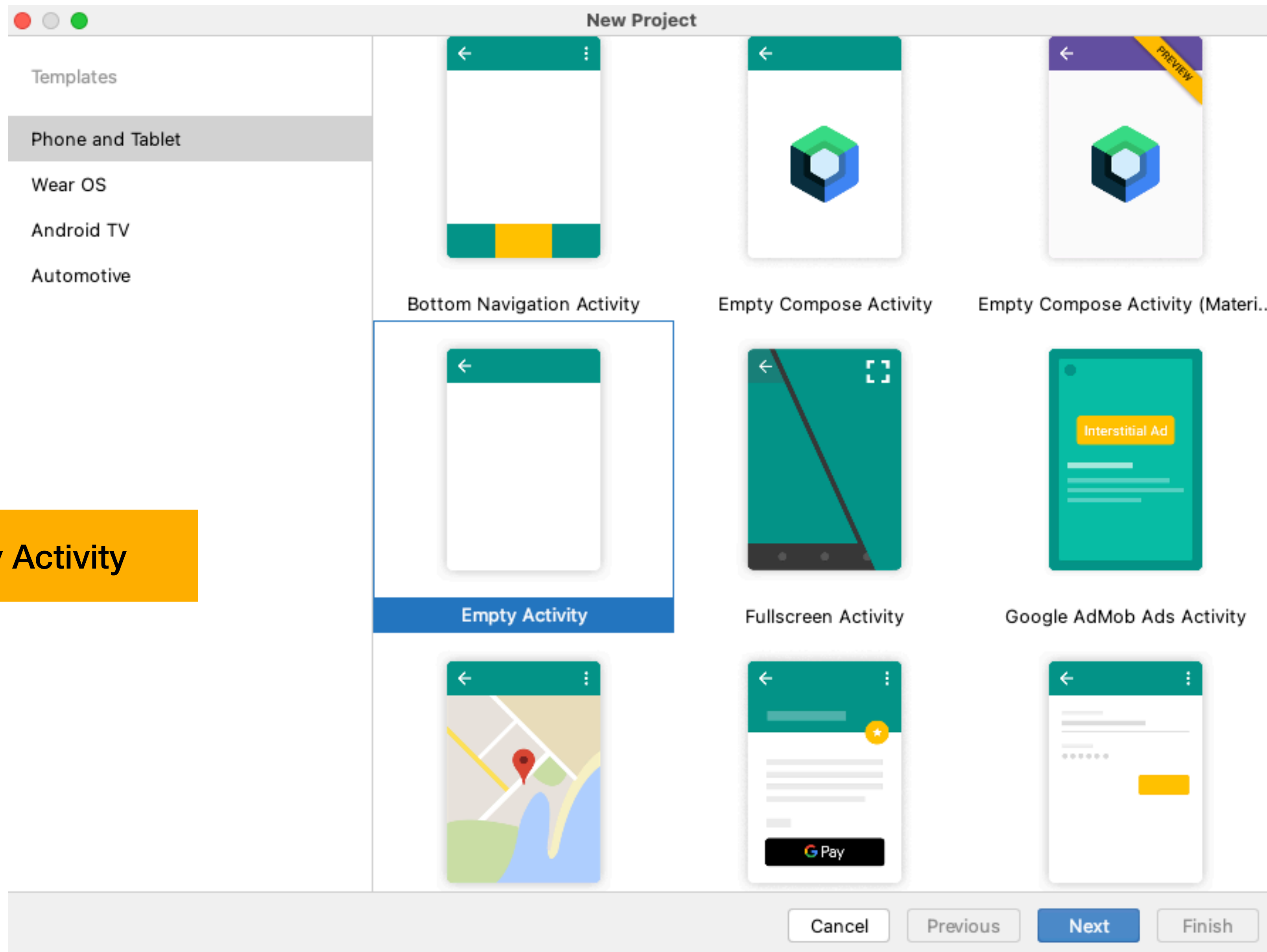
## Application Development

- Getting started: First Project
- Development Environment: Emulator
- Pushing an application to Github
- Working in a framework
- MainActivity
- Getting Log Data
- Activity Lifecycle: onCreate
  - savedInstanceState

The Integrated Development Environment

Android Studio: First project





Empty Activity



# Working in a framework

## Android Studio

“main” method

```
public class MainActivity extends AppCompatActivity {  
    @Override  
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_main);  
    }  
}
```



The Android emulator



# The *res* folders: Layout

# Getting started: Del 1

## Beskrivelse

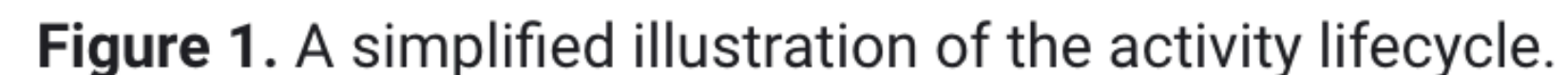
- A) Change the text in your MainLayout to write: Hello + Your name
- B) Change your Application Name to a real "app" name
- C) Push your result to a Github Repository

# Logging with Logcat

## Dynamic logging

# Activities

- ```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
}
```



Overriding onPause activity state