

## About ME!!!

Well I am doing my final year CSE at Infant Jesus College of Engineering . My interest includes reading trying what I see and coding . And I also work as a lab intern at my college . I have knowledge on Java, Python, App development, Web development, Networking, DBMS, Virtualization, cloud and can perform basic pen testing



## Course Outline

### Module 1

Brief introduction to android and android studio

### Module 2.

Java and Object oriented concepts

### Module 3.

Android Studio

Module 4.

Firebase

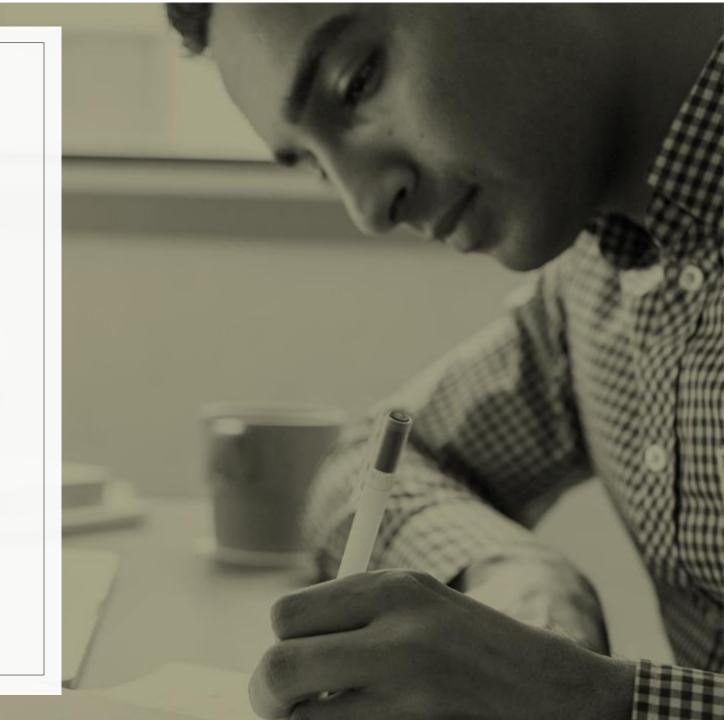
Module 5.

Handling Files and Media

- What is Android why its relevant to this course
- History of Mobile OS
- Introduction to Android Studio
- Installation Procedure
- Project : Run a simple hello world app



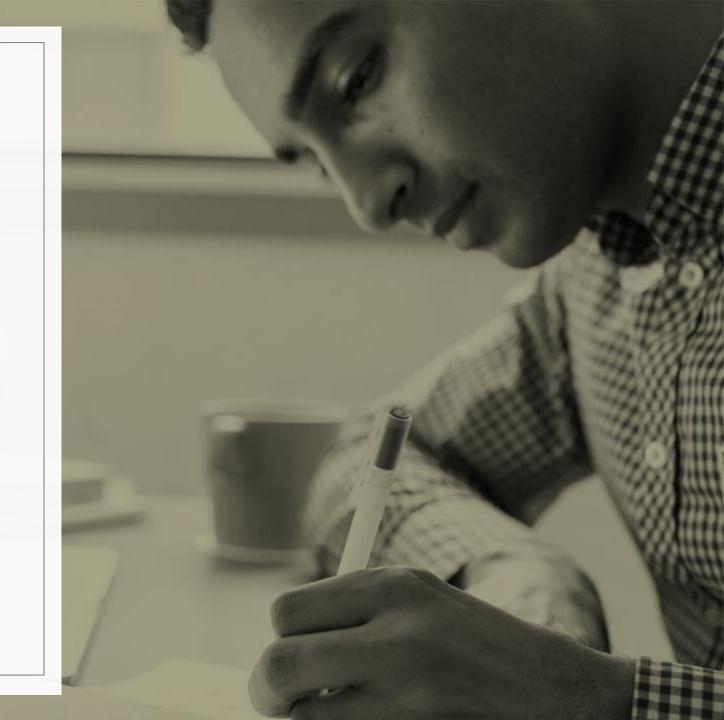
- Java a brief introduction
- Why java
- What is Oops
- Object what is that
- Various Oops principles
- How its useful for android development
- Projects: Guess the number game (Android Studio), loops and mapping and various java program



- What is android studio why we use it
- Gradle and what does it do
- Avd why we use it
- Git and why we use it
- Solutions to run android studio faster
- Android Project structure in detail
- Layout Relative vs absolute



- Database what are they
- Relational vs No SQL
- Firebase
- Integration with android
- Getting and putting data
- Project: Create a login page and a registration page and review the login template in the android studio



- This module will be a complete project module we will develop a app for a real life application and deal with media handling like
- Project : it's a Surprise



