

What is IDE ?

- Enables programmers to consolidate the different aspects of writing a computer program.
- Increases Efficiency – faster coding with less effort

Main Featured of IDE

- Editing Source Code
- Syntax Highlighting
- Autocomplete (Suggestions)
- Building Executables
- Debugging (Manual Testing)

Languages ?



- A way of communication.
- A programming language is a formal language comprising a set of instructions that produce various kinds of output.
- Most programming languages consist of instructions for computers.



Static and Dynamic Apps



- Static applications are **not reliant on Internet connection** to an online server or database.
- Apps built in this way are downloaded once, usually periodically updated,
- Are able to function offline only with the device on which they are installed.



Static and Dynamic Apps



- Dynamic applications **are in some way reliant on an online** server or database.
- When connected, these apps retrieve data updates from a main server
- So that any iterative changes to development, design or functionality are rolled out across all devices simultaneously.



Front End Language



- Its all about what a user able to see.
- It's may be buttons, images, layout, input field etc.
- To design these components in android we need XML and Android programming(Java/Kotlin).



Back End Language



- Backend of anything is not visible to general user or administrator.
- It can be a piece of code or a program running on the server machine to serve the user need.
- Database is also a part of backend i.e., SQLite.

