1. What id devops?

Devops = development + operations

Developers= who write code

Operations = who deploy / manage system

1. Example: Image you are building a mobile app like swiggy

The developer writes code to add “track my order “ feature

without Deveops: developer gives code to ops team-> they manually develop-> bugs happen delay

with Devops: Code is automatically testd and deployed-> customers get updates faster and safely

DevOps Helps you :

Release feature faster( like adding new payment methods in zomato)

Fix bugs ( like fixing login issue in IRCTC)

Automate repetative task( like server restart, dataset backup)

1. Plan : Define what to build

Develop : Write the code

Build : Compile code into deployable formate

Test :Check for bugs automatically

Release : Approve the build for deployment

Deploy : push app to server or app store

Operate : keep app running, fix any issues

Monitor : analyze performance and fedback

1. GIT = version control system (local)

GITHUB : ONLINE platform to store git projects