

Software Engineering

Updated Study Material

Course Overview

Software Engineering is the systematic approach to designing, developing, testing, and maintaining software.

Chapter 1: Introduction to Software Engineering

It focuses on building reliable, efficient, and maintainable software systems.

Example: Developing a simple calculator application.

Chapter 2: Software Development Life Cycle (SDLC)

SDLC includes planning, analysis, design, implementation, testing, and maintenance.

Chapter 3: Software Testing Basics

Testing ensures the software works as expected and is free from major defects.

Practice Questions

1. What is software engineering?
2. Name any one phase of SDLC.