Intro to Software Engineering

CodeWave Academy
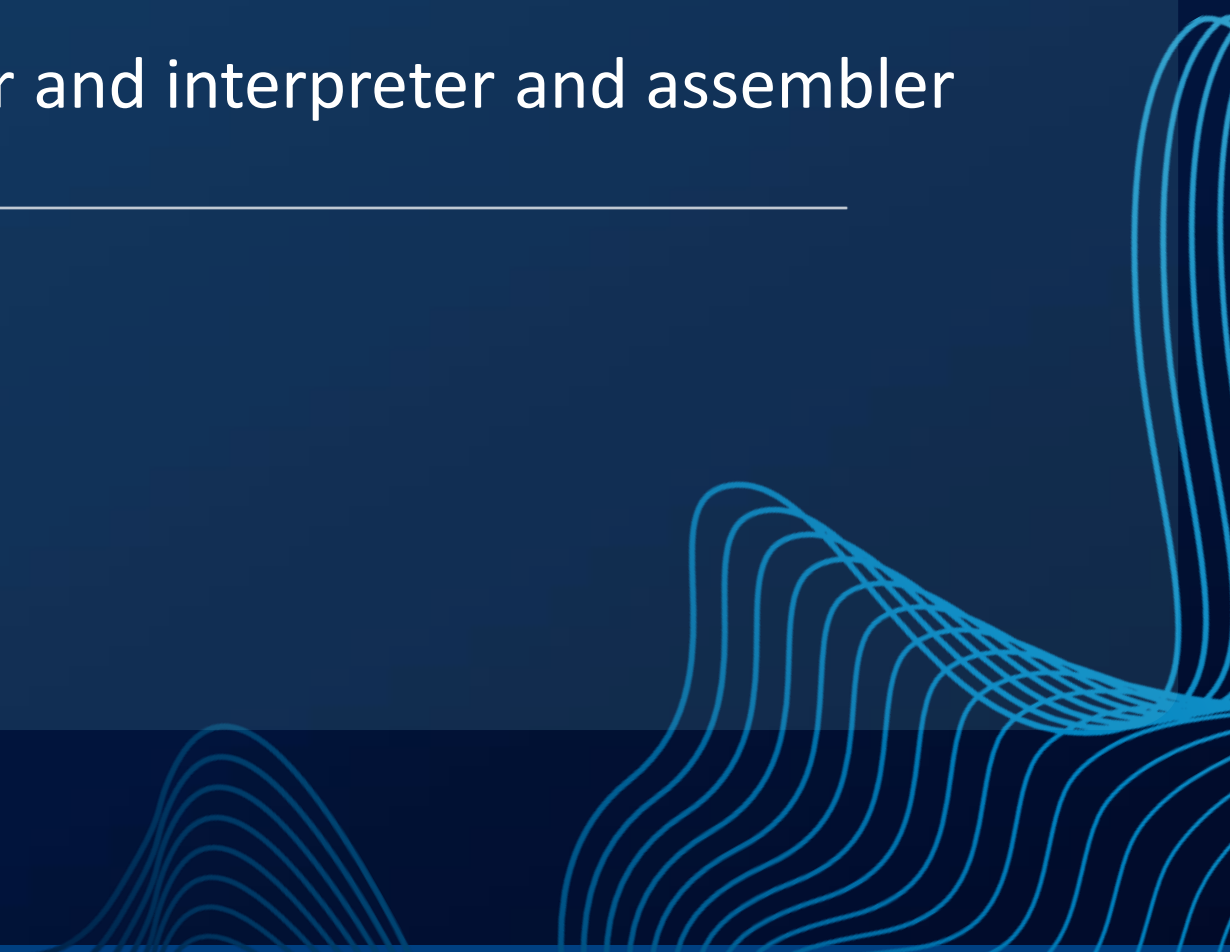
Intro to computer science

❑ The different between Software and Hardware

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❑ Software life cycle

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❑ Types of computer language

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❑ The different between compiler and interpreter and assembler

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C++ Basics

Object Oriented Programing

❑ Classes

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❑ Objects

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❑ Encapsulation

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❑ Inheritance

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❑ Polymorphism

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❑ Abstraction

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Data Structure

- ❑ Linked List

- ❑ Stack Data Structure

- ❑ Queue Data Structure

- ❑ Problem Solving with data structure

Algorithms

❑ What is the algorithms?

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❑ How algorithms work?

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❑ Sorting algorithms

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❑ Searching algorithms

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Intro to Data base

- ❑ What is the data base?

- ❑ ER Diagram (ERD)

- ❑ Mapping and Design

- ❑ Types of Commands

About Us

CodeWave Academy helps you master coding skills through online and offline courses. 💙 Whether you're a beginner or advanced, we offer practical learning to prepare you for a tech-driven future. Start your coding journey with us today!