

Computer Organization and Programming

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January 9, 2024

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Lecture 1: Introduction

1 Big Ideas

Definition 1. Big Idea 1: All computers can compute the same kinds of things. We call this **turing-completeness**.

Definition 2. Big Idea 2: **Abstraction** represents the layers that make the electorns work.

Definition 3. Big Idea 3: **Binary numbers** are better than decimal for electronic computing.