

Lecture 1

Introduction

In the beginning...

CS 241: Foundations of Sequential Programs

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What's in a name?

Foundations of Sequential Programs

Where do we start?

Assume computers exist.

About the course

- ▶ Assignments
- ▶ Design choice
- ▶ Outline
- ▶ Notes

Marmoset

Purpose of the course

To learn.

Marking

Personel

Non-human Resources

Computers to Programming Languages

What is a computer?

What is a program?

Binary data, machine language and assembly language

Assembler

Formal languages

Higher level languages

Back to Basics: Bits

Sequence of bits

Integers

Hexadecimal

Characters