

# C under Linux

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Introduction

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## C under Linux

- ▶ This is a deficiency course for C.
- ▶ Linux is an operating system.
- ▶ Linux is a sample OS for operating-system course

# Why C?

## Why C?

- ▶ Easy to learn.
- ▶ Structured language.
- ▶ It produces efficient programs.
- ▶ It can handle low-level activities.
- ▶ It can be compiled on a variety of computer platforms.
- ▶ It is used for system programming (in OS course).

# Why Linux?

## Why Linux?

<http://www.linuxandubuntu.com/home/10-reasons-why-linux-is-better-than-windows>

- ▶ Open source and free.
- ▶ Beginner friendly and easy to use.
- ▶ Reliability.
- ▶ Hardware.
- ▶ Software.
- ▶ Security.
- ▶ Freedom.
- ▶ Annoying crashes and reboots.
- ▶ Server segment.
- ▶ Linux is everywhere.