

## 03-OS

### Introduction

The concepts here will give you a very basic introduction to the OS (operating system) of a modern computer.

### Purpose

The concepts are important to understand when programming in general since most program use the OS (operating system) to manage the underlying hardware.

Getting a basic understanding of the services offered to the programmer by the OS is a foundation for understanding the role of the programming language C.

### Requirements

Hardware lecture

### Videos

- [Computer/OS/os-small.webm](#)
- [Computer/OS/path-paths-small.webm](#)
- [Computer/OS/path-start-program-small.webm](#)

### Reading instructions

It is recommended to read the introuducary part of the following Wikipedia articles:

- [http://en.wikipedia.org/wiki/Operating\\_system](http://en.wikipedia.org/wiki/Operating_system)
- [https://en.wikipedia.org/wiki/Virtual\\_machine](https://en.wikipedia.org/wiki/Virtual_machine)
- [https://en.wikipedia.org/wiki/Java\\_virtual\\_machine](https://en.wikipedia.org/wiki/Java_virtual_machine)

### Goal

Provide a basic understanding of how the computer's hardware is abstracted and offered by the os to the programmer via a programming language.

## **Exam instructions**

None of the topics in this lecture will be examined.