Software Engineering

Introduction

Overview

- Introduction
  - Definitions
  - History
- Goals and principles of software engineering
- Is software engineering a profession?

Objectives

- Here is what you should be able to do upon completion of this module:
    - ○ Define Software Engineering.
    - ○ Explain why an engineering discipline is needed for software development today.
    - ○ Discuss some of the problems that result if you don't apply engineering to the development of software.
    - ○ Recognize the goals and principles of Software Engineering.
    - ○ Argue why Software Engineering is, and is not, a Profession.

Outline

- Definitions

- Origins of Software Engineering

- Goals and Principles of Software Engineering

- Software Engineering as a Profession

Software Engineering

Definitions

Wikis

- A wiki (wik-ee) is a web application which allows people to add, modify, or delete content in collaboration with others.
  - *http://en.wikipedia.org/wiki/Wiki*

What is Software?

What is Engineering?