

Chapter 1

What is software?

Software is developed or engineered, it's not manufactured in the classical sense and software doesn't wear out

Software applications?

- System software
- Engineering/scientific software
- Product-line software
- Artificial Intelligence (AI) software
- Application software
- Embedded software
- Web/mobile applications

Legacy software why must it change?

- Software must be **adapted** to meet the need of new computing environment
- Software must be **enhanced** to implement business requirements
- Software must **extended to make it interoperable** with other more modern systems
- Software must be **re-architected** to make it capable of working successfully

Characteristics of Web Apps?

- Data driven
- continuous evolution
- security
- content sensitive
- immediacy
- aesthetics

What is cloud computing?

Provides distributed data storage and processing resources to networked computing devices

What is Product Line Software?

Is a set of software-intensive systems that share a common set of features and satisfy the needs of a particular market

A software product line shares a set of assets that include:

