# Introduction of Computer Systems and Applications

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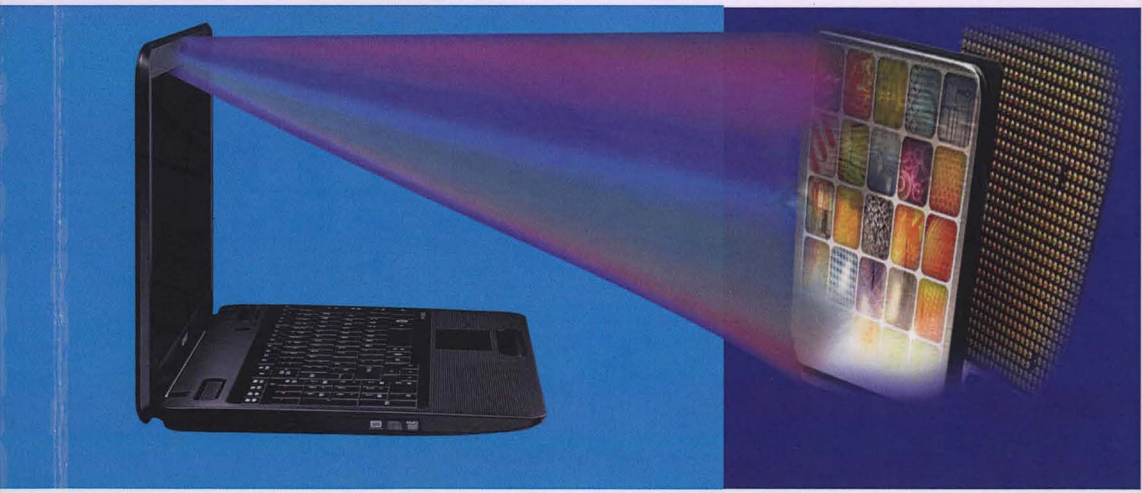

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# INTRODUCTION OF COMPUTER SYSTEMS AND APPLICATIONS

**Editors**

Asadullah Shah

Imad Fakhri Taha Alshaikhli

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# 19. DISK MANAGEMENT

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**Abstract**

The disk volumes can be extended by using system supplied facilities. The operation related to disk management will be taught through GUI and command line interfaces.

## 19.1 Introduction

In order to use a hard drive in Windows, user needs to first partition it and then format it. This process will then assign a drive letter to the partition allowing user to access it in order to use it to store and retrieve data. Before partition a hard drive in Windows, user must have installed a new unused hard disk, deleted an existing partition, or have some unpartitioned space available on an existing drive. If user has existing partitions on computer that would like to delete in order to use its space for other purposes, then user can delete this partition. It is important to note that by deleting a partition the data on that partition will lose.

## 19.2 Extend a basic volume

To extend a basic volume

1. Open Command Prompt.
2. Type: **diskpart**
3. At the **DISKPART** prompt, type: **list volume**
   Make note of the number of the basic volume you want to extend.