Introduction of Computer Systems and Applications

Asadullah Shah
Imad Fakhri Taha Alshaikhli

IIUM PRESS
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
INTRODUCTION OF COMPUTER SYSTEMS AND APPLICATIONS

Editors

Asadullah Shah

Imad Fakhri Taha Alshaikhli

IIUM Press
# CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEDICATION</td>
<td>iii</td>
</tr>
<tr>
<td>PREFACE</td>
<td>viii</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENT</td>
<td>ix</td>
</tr>
<tr>
<td>1. INTERNAL STRUCTURE OF COMPUTER SYSTEMS</td>
<td>1</td>
</tr>
<tr>
<td>Asadullah Shah, Zeeshan Bhatti and Imad Fakhri Taha Alshaikhli</td>
<td></td>
</tr>
<tr>
<td>2. INTERFACES AND PROTOCOLS</td>
<td>9</td>
</tr>
<tr>
<td>Asadullah Shah, Zeeshan Bhatti and Imad Fakhri Taha Alshaikhli</td>
<td></td>
</tr>
<tr>
<td>3. FIRMWARE PROGRAM</td>
<td>17</td>
</tr>
<tr>
<td>Asadullah Shah, Zeeshan Bhatti and Imad Fakhri Taha Alshaikhli</td>
<td></td>
</tr>
<tr>
<td>4. GRAPHICAL USER INTERFACES</td>
<td>23</td>
</tr>
<tr>
<td>Asadullah Shah, Zeeshan Bhatti and Imad Fakhri Taha Alshaikhli</td>
<td></td>
</tr>
<tr>
<td>5. SHORT CUT AND HARD DRIVE</td>
<td>31</td>
</tr>
<tr>
<td>Asadullah Shah, Zeeshan Bhatti and Imad Fakhri Taha Alshaikhli</td>
<td></td>
</tr>
<tr>
<td>6. WINDOWS EXPLORER</td>
<td>39</td>
</tr>
<tr>
<td>Asadullah Shah, Muniba Shaikh and Imad Fakhri Taha Alshaikhli</td>
<td></td>
</tr>
<tr>
<td>7. FOLDER AND DIRECTORY</td>
<td>47</td>
</tr>
</tbody>
</table>
8. FOLDER OPERATIONS
Asadullah Shah, Muniba Shaikh and Imad Fakhri Taha Alshaikhli...... 55

9. CONTROL PANEL AND SCREEN SAVERS
Asadullah Shah, Muniba Shaikh and Imad Fakhri Taha Alshaikhli...... 65

10. HARDWARE CONFIGURATION
Asadullah Shah, Muniba Shaikh and Imad Fakhri Taha Alshaikhli...... 73

11. BASIC OPERATING SYSTEM SETTING
Asadullah Shah, Asadullah Shaikh and Imad Fakhri Taha Alshaikhli... 81

12. WINDOWS INSTALLATION
Asadullah Shah, Asadullah Shaikh and Imad Fakhri Taha Alshaikhli... 87

13. NETWORK SECURITY SETTING
Asadullah Shah, Asadullah Shaikh and Imad Fakhri Taha Alshaikhli... 99

14. TASK SCHEDULING
Asadullah Shah, Asadullah Shaikh and Imad Fakhri Taha Alshaikhli... 107

15. BASIC STORAGE MANAGEMENT
Asadullah Shah, Asadullah Shaikh and Imad Fakhri Taha Alshaikhli... 113

16. LOGICAL DRIVE
Asadullah Shah, Kamran Khowaja and Imad Fakhri Taha Alshaikhli... 119

17. STORAGE MANAGEMENT
Asadullah Shah, Kamran Khowaja and Imad Fakhri Taha Alshaikhli... 127
18. BASIC DISK MANAGEMENT
Asadullah Shah, Kamran Khowaja and Imad Fakhri Taha Alshaikhli... 135

19. DISK MANAGEMENT
Asadullah Shah, Kamran Khowaja and Imad Fakhri Taha Alshaikhli... 141

20. CASCADE STYLE SHEETS
Asadullah Shah, Kamran Khowaja and Imad Fakhri Taha Alshaikhli... 147

21. IMAGE EDITING
Asadullah Shah, Zoya Shah and Imad Fakhri Taha Alshaikhli............. 157

22. IMAGE EFFECTS
Asadullah Shah, Zoya Shah and Imad Fakhri Taha Alshaikhli............. 165

23. IMAGE TOOL FUNCTION
Asadullah Shah, Zoya Shah and Imad Fakhri Taha Alshaikhli............. 173

24. IMAGE CLONE 1
Asadullah Shah, Zoya Shah and Imad Fakhri Taha Alshaikhli............. 181

25. IMAGE CLONE 2
Asadullah Shah, Zoya Shah and Imad Fakhri Taha Alshaikhli............. 193

26. IMAGE AND SPECIAL EFFECTS
Asadullah Shah, Faisal Shah and Imad Fakhri Taha Alshaikhli............. 199

27. BASIC TEXT EFFECTS
Asadullah Shah, Faisal Shah and Imad Fakhri Taha Alshaikhli............. 205
28. TEXT ANIMATION
Asadullah Shah, Faisal Shah and Imad Fakhri Taha Alshaikhli .......... 213

29. TEXT EFFECTS
Asadullah Shah, Faisal Shah and Imad Fakhri Taha Alshaikhli .......... 221

30. IMAGE FILTERING
Asadullah Shah, Faisal Shah and Imad Fakhri Taha Alshaikhli .......... 227

31. IMAGE QUALITY IMPROVEMENT
Asadullah Shah, Faisal Shah and Imad Fakhri Taha Alshaikhli .......... 233
27. BASIC TEXT EFFECTS

Asadullah Shah, Faisal Shah and Imad Fakhri Taha Alshaikhli
Department of Computer Science, Faculty of Information and
Communication Technology, International Islamic University Malaysia,
Malaysia

Abstract
The text is a very important component in documents and written material. In this chapter students will learn more about text related effects. There can be many text effects such as reflection of text, 3D text, chucky text effects and many others.

27.1 Introduction
There can be many text effect, include beveled, embossed, textured, outlined, chrome, fire, metallic, neon, glowing, dripping, plastic, 3d, and many more. Not just for type, these techniques are useful for learning how to create special effects for all kinds of objects.

27.2 Type Tool Exercise 1:
Stroke Text Effect
1. Create a new layer 300 by 100 pixels in size. Select a colour you want your background to be. Select the text tool and type your heading/word. Select any font of your choice. Select the colour you want your font to be.
2. Now right click on the text layer and select "rasterizing layer". Now with the text layer selected go to edit > stroke. Now set the stoke colour to white the location to outside and the width to 2px.