

CONTENTS

Chapter 1 ■ Introducing the Eclipse Platform	1
Overview of the Eclipse Platform.....	2
Features of Eclipse	2
Installing Eclipse Platform	3
Exploring Eclipse Platform.....	7
Menu Bar	7
Exploring Views	14
Exploring Perspectives	22
Developing Application using Eclipse	24
Creating a Java Project.....	24
Creating the Class in the Java Project	27
Running the Java Project.....	29
Developing a Web Project in Eclipse.....	30
Configuring the Application Server.....	30
Creating the Web Project.....	36
Adding a JSP page in the Web Project.....	39
Adding Servlet to the Web Project.....	42
Running the Web Project.....	46
MyEclipse with Eclipse.....	49
Summary	50
Chapter 2 ■ Developing Applications with MyEclipse 7.0	51
Developing a Java Application	52
Creating a Java Class.....	55
Running a Java Class.....	58
Developing a Web Application	59
Working with a JSP Page.....	62
Working with a Servlet	66
Deploying a Web Application.....	71
Running the Web Application	77
Running a JSP Page.....	77
Running a Servlet.....	79
Adding Database Support in a Web Application.....	81
Creating a Database Connection	81
Opening a Database Connection	86
Creating a Table.....	88
Accessing Table in a JSP Page	94
Summary	96

Chapter 3 ■ Developing Enterprise Application in MyEclipse 7.0	97
Developing an Enterprise Application	98
Working with EJB Module.....	100
Working with Web Module	115
Deploying an Enterprise Application	119
Running an Enterprise Application	121
Adding JPA Capability in a Web Module.....	122
Generating JPA Reverse Engineering	124
Summary	128
Chapter 4 ■ Adding JSF Support in Web Applications	129
Developing a JSF Application.....	130
Adding JSF Capabilities.....	130
Editing the faces-config.xml File	133
Deploying and Running the JSF Application	148
Summary	152
Chapter 5 ■ Adding Struts Support in Web Applications	153
Introducing Struts.....	154
Developing a Struts Application	154
Creating a Web Project.....	154
Adding Struts Capabilities	158
Editing the struts-config.xml File.....	160
Deploying Struts Application.....	173
Running Struts Application.....	176
Summary	179
Chapter 6 ■ Working with Plug-In in MyEclipse 7.0	181
Introducing Plug-in Development Environment (PDE).....	182
Exploring PDE Tools	183
Exploring Wizards.....	183
Exploring Views	203
Exploring Launchers.....	210
Exploring PDE Preferences.....	213
Developing a Plug-in in MyEclipse.....	220
Configuring PDE	220
Creating a Plug-in	221
Modifying a Plug-in	227
Summary	233

Chapter 7 ■ Debugging and Testing of Applications in MyEclipse 7.0		235
Debugging in the MyEclipse 7.0 IDE		236
Preparing the Debugging Session		236
Starting the Debugging Session.....		241
Monitoring the Debugging Session.....		242
Terminating the Debugging Session		244
Testing in the MyEclipse 7.0 IDE		244
Creating a Test Case.....		245
Modifying a Test Case.....		249
Creating a Test Suite		249
Running the Test Case		252
Running the Test Suite		253
Summary		254