



Delphi advanced programming technology

- Delphi and Its Features
- Main Contents
- How to Learn the course



Professor Zhaoyun Sun





Delphi and Its Features

- A visual programming tool
- The integrated development environment

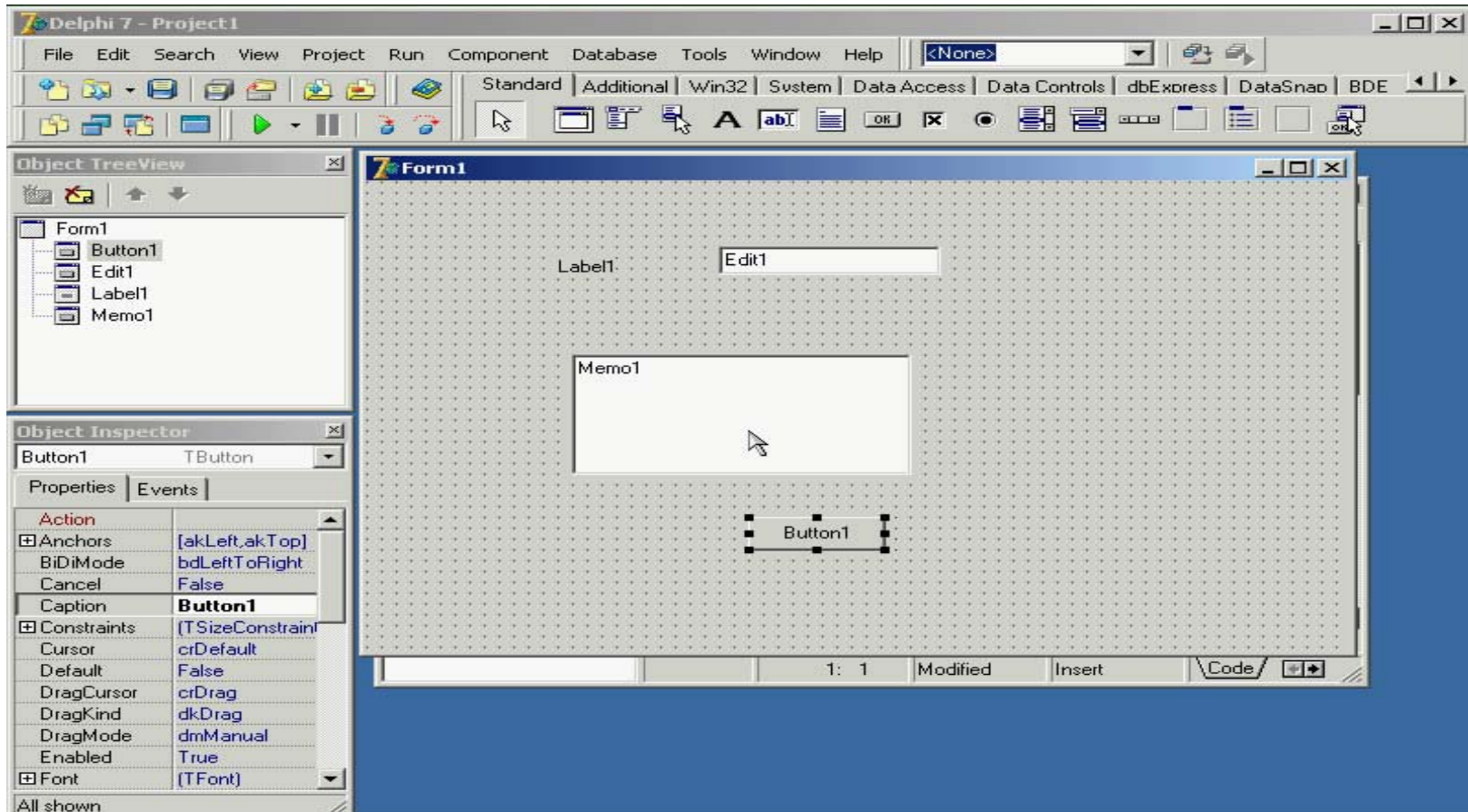


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A Visual Programming Tool



Return



Main Contents

- 1. The Delphi Programming Environment**
- 2. The Delphi Programming Language**
- 3. The Delphi Object-Oriented Programming**
- 4. Working With The Form**
- 5. VCL Components**





Main Contents

- 6. Delphi's Database Application Development**
- 7. Building A Sample Database Application: Mastapp**
- 8. Using Data Access Components And Tools**
- 9. Using Data Controls**
- 10. Using SQL In Applications**
- 11. Working With ADO Components**





Main Contents

**12.Using Decision Support
Components**

**13.Creating Reports With Rave
Reports**

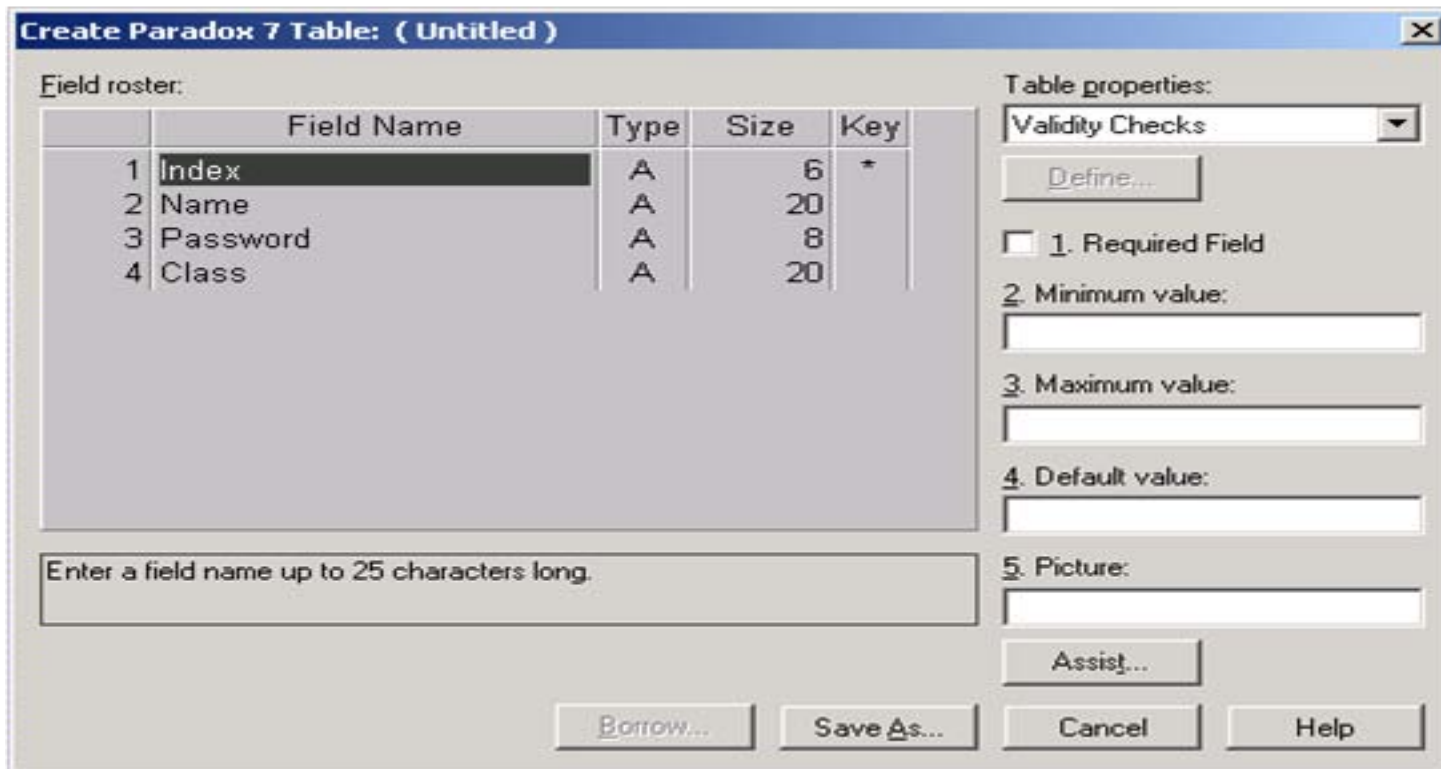


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Example of Database Application



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Example of Using Data Controls

Form1

Navigation icons: Home, Previous, Next, End, Add, Subtract, Up, Check, Cancel, Refresh

国家名 :

正在浏览记录!

首都 :

所在洲 :

面积 :

人口 :

Return





Example of Using SQL In Applications

使用UPDATE语句修改记录

学号	姓名	性别	出生日期	政治面貌	籍贯
030101	李华	男	1984-10-12	团员	浙江
030102	章志东	男	1983-12-8	团员	江苏
030103	杨盛芳	女	1982-11-18	团员	上海
030104	赵凯	男	1982-11-18	党员	河北
030105	蒋艳鹃	女	1984-7-8	团员	江西
030106	高水华2	男	1983-11-9	团员	河南

修改记录

学号： 姓名： 性别：

出生日期： 政治面貌： 籍贯：

入学成绩：

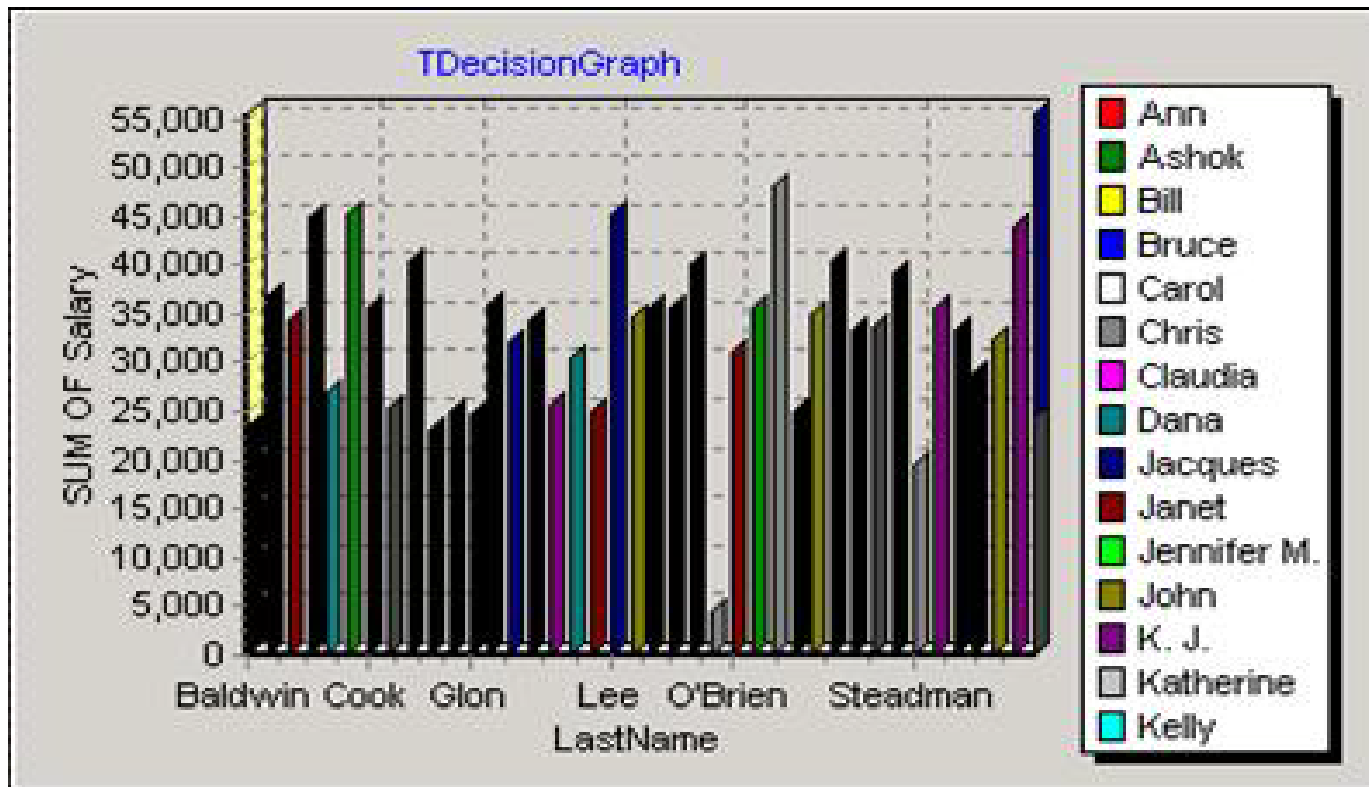
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WHERE 学号='030106'

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Example of Using Decision Support Components



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Example of Creating Reports With Rave Reports

Print Preview

主/明細表

CustNo	City	Country	Phone	FAX	Company
1221	Kapaa Kauai	US	808-555-0269	808-555-0278	Kauai Dive Shoppe
CustNo	EmpNo	ItemsTotal	AmountPaid	SaleDate	OrderNo
1221	5	¥ 4,674.00	¥ 4,674.00	1988-7-1	1023
1231	Freeport	Bahamas	809-555-3915	809-555-4958	Unisco
CustNo	EmpNo	ItemsTotal	AmountPaid	SaleDate	OrderNo
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1351	Kato Paphos	Cyprus	357-6-876708	357-6-870943	Sight Diver
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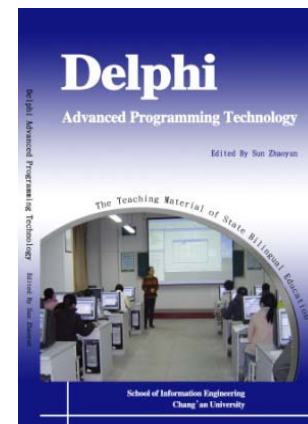
Page 1 of 9

Return





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How to Learn the course?

