PURCHASE APPLICATION OF DELPHI 7

BAGAS ARIF PRADIKA

165100017

Fakultas Komputer, 448757276

bagasarifpradika.student@umitra.ac.id

Abstract

Borland Delphi is a programming language that provides various facilities for making applications for processing text, graphics, numbers, databases and web applications. This program has extensive capabilities that lie in productivity, quality, software development, compilation speed, attractive design patterns and structured and complete programming languages. Programming facilities are divided into two groups, namely object and programming language. Object is a component that has a physical shape and can usually be seen. Objects are usually used to perform certain tasks and have certain limitations. While programming languages can be called a set of texts that have certain meanings and are arranged with certain rules to carry out certain tasks

Kata Kunci : purchase of simple items

A. INTRODUCTION

Materi Ke 1 membahas mengenai i cloud system ...dst
tambahkan gambar untuk memperkuat penjelasan (Gunakan Minimal 600 kata)
Jawab..?

simple item purchase application. The way it works is that if the Calculate button is pressed, then the unit price of goods will be multiplied by the number of items and the multiplication result will be displayed in the total pay

section. However, before we start creating the application on Delphi, we must install the Delphinya program first. We can use Delphi 5, 6, 7, or the latest. Actually any version of Delphi doesn't matter,

Ways of working

1. Run the Delphi program
2. Then select the File menu New | Application
3. Then a new form will appear and a file with the name Unit1.pas
4. Click and drag the

component that will be used into the form, such as:

5 label components are used for naming such as Goods Purchase (program title), Item name, Unit Price, Number of Goods, and Total Pay for item description.

4 edit components, namely as a place for data entry, as shown below

1 button component is useful as a process button or data calculation

Caption :

Purchase Item = Label1
Item Name = Label2
Unit Price = Label3
Amount of Item = Label4
Total Pay = Label5
Calculate = Button1

Component data entry:

Edit 1 (position next to Item Name)

Edit 2 (position next to Unit Price)

Edit 3 (position next to Number of Items)

Edit 4 (position next to Total Pay)

5. Click the Label1 component and in the properties window, change the Caption to Purchase Item, do the same step on the next label and change the Caption according to the image above.

6. Click the Edit1 component and in the Properties window in the Text section blank, do the same with the other Edit components.

7. Click the Button component and in the properties window change Caption to Calculate, then drag scroll down so that the Name section changes to Calculate Number.

8. Double click on the Calculate button, the Unit1.pas window will appear and the blue script entry below:

```
procedure
TForm1.BtnHitungClick
(Sender: TObject);
```

```
var
nb: string;
HS, JB, TB: integer;
begin
nb := edit1.Text;
HS := strtoint (edit2.Text);
JB := strtoint (edit3.Text);
TB := HS * JB;
edit4.Text := inttostr (TB);
```

end;

end.

Program Description:

nb = Item Name (may be changed as desired)

HS = Unit Price (may be changed as desired)

JB = Amount of Goods (may be changed as desired)

TB = Total Pay (may be changed as desired)

nb := edit1.Text; = states that the nb value will be displayed

in the Edit1 component.
HS: = strtoint (edit2.Text); = states that each HS value assigned to the edit box has a data type string (default), so that the data that is assigned to the edit box can be used in the calculation process, the data needs to be converted from string to integer.
JB: = strtoint (edit3.Text); = states that each JB value assigned to the edit box has a data type string (default), so that the data that is assigned to the edit box can be used in the calculation process, the data needs to be converted from string to integer.
TB: = HS * JB; = The process of calculating data
edit4.Text: = inttostr (TB); = states that the Edit4 component will display a TB value whose data will be converted first from an integer to a string. because every data / value that will be displayed in the edit box must be of type string data.

B. CONCLUSION

Kesimpulan dari materi ini adalah(minimal 150 kata)

Jawab..?

Nowadays computers have been able to enter almost all areas of people's lives. Likewise in the development of information technology, with the support of increasingly sophisticated computer capabilities, making people will be able to obtain various information more quickly, accurately, comprehensively,

and in detail as needed. Where all information is very valuable, can be accessed almost without being limited by space and time so easily. Therefore I made a purchase application so that people can more easily manage the time to shop, and do not need to be difficult to buy the items they want

C. ACKNOWLEDGEMENT

University Of Indonesia
University Of Mitra Indonesia
Telkom University
University Of Mellbourne
Saitama University

Jawab.?

Universiti of indonesia

D. REFERENCE_(Based ISO 690)

- [1] A. S. Putra And O. M. Febriani, "Knowledge Management Online Application In Pdam Lampung Province," In *Prosiding International Conference On Information Technology And Business (Icitb)*, 2018, Pp. 181–187.
- [2] A. S. Putra, O. M. Febriani, And B. Bachry, "Implementasi Genetic Fuzzy System Untuk Mengidentifikasi Hasil Curian Kendaraan Bermotor Di Polda Lampung," *J. Sist. Inf. Dan Manaj. Basis Data*, Vol. 1, No. 1, Pp. 21–30, 2018.
- [3] O. M. Febriani And A. S. Putra, "Sistem Informasi Monitoring Inventori Barang Pada Balai Riset Standardisasi Industri Bandar Lampung," *J. Inform.*, Vol. 13, No. 1, Pp. 90–98, 2014.
- [4] Putra, Arie Setya. "2018 Artikel Struktur Data, Audit Dan Jaringan Komputer." (2018).
- [5] Putra, A. S. (2018, July 17). Paperplain Fundamental Create Application With Borland Delphi 7.0 University Of Mitra Indonesia. Retrieved From [Osf.io/Pbrn9](https://osf.io/Pbrn9).

E. REFERENCE (Based APA)

Putra, A. S., Aryanti, D. R., & Hartati, I. (2018, November). Metode SAW (Simple Additive Weighting) sebagai Sistem Pendukung Keputusan Guru Berprestasi (Studi Kasus: SMK Global Surya). In *Prosiding Seminar Nasional Darmajaya* (Vol. 1, No. 1, pp. 85-97).

Sari, D. P., Febriani, O. M., & Putra, A. S. (2018, November). Perancangan Sistem Informasi SDM Berprestasi pada SD Global Surya. In *Prosiding Seminar Nasional Darmajaya* (Vol. 1, No. 1, pp. 289-294).

Putra, A. S. (2018). Paperplain: Execution Fundamental Create Application With Borland Delphi 7.0 University Of Mitra Indonesia.

Putra, A. S., Sukri, H., & Zuhri, K. Sistem Monitoring Realtime Jaringan Irigasi Desa (JIDES) Dengan Konsep Jaringan Sensor Nirkabel. *IJEIS (Indonesian Journal of Electronics and Instrumentation Systems)*, 8(2), 221-232.

Darmawan, A., Yuliawati, D., Marcella, O., & Firmandala, R. (2016). Sistem Absensi dan Pelaporan Berbasis Fingerprint dan SMS Gateway. *EXPLORE*, 7(1).

Febriani, O. M., Wahyuni, T., & Yusuf, S. (2017). DESIGN OF WEBSITE-BASED INFORMATION SYSTEM FOR EDOCUMENT ADMINISTRASI IN THE

COMMUNITY SERVICE UNIT (A Case Study at Rajabasa District). *INTERNATIONAL JOURNAL OF COMPUTERS & TECHNOLOGY*, 16(7), 7010-7020.

Febriani, O. M., & Wahyuni, T. (2017, October). PERANCANGAN SISTEM E-DOCUMENT ADMINISTRASI LOGBOOK PENELITIAN PADA UNIT LAYANAN DI BANDAR LAMPUNG. In *Prosiding Seminar Nasional Darmajaya* (Vol. 1, No. 1, pp. 187-194).

Febriani, O. M., & Permadi, A. B. (2017). Implementasi Sistem Aplikasi Data Bimbingan dan Pelanggaran Siswa pada Sekolah Menengah Atas di Lampung Tengah dengan Metode Analisis dan Desain Sistem Terdistribusi (SSAD). *EXPERT*, 7(1).

Febriani, O. M., & Ambarwati, L. (2015). PERANCANGAN APLIKASI PENGOLAHAN DATA PENJUALAN UKM KELANTING KHAS TELO DESA SIDOHARJO KECAMATAN JATI AGUNG KABUPATEN LAMPUNG SELATAN. *Jurnal Teknologi Informasi dan Bisnis Pengabdian Masyarakat Darmajaya*, 1(1), 77-95.

Febriani, O. M. (2015). Rancang Bangun Aplikasi E-commerce menggunakan Freewebstore pada UKM Kelanting di Desa Sidoharjo Lampung Selatan. *Prosiding Sembistek 2014*, 1(02), 446-458.