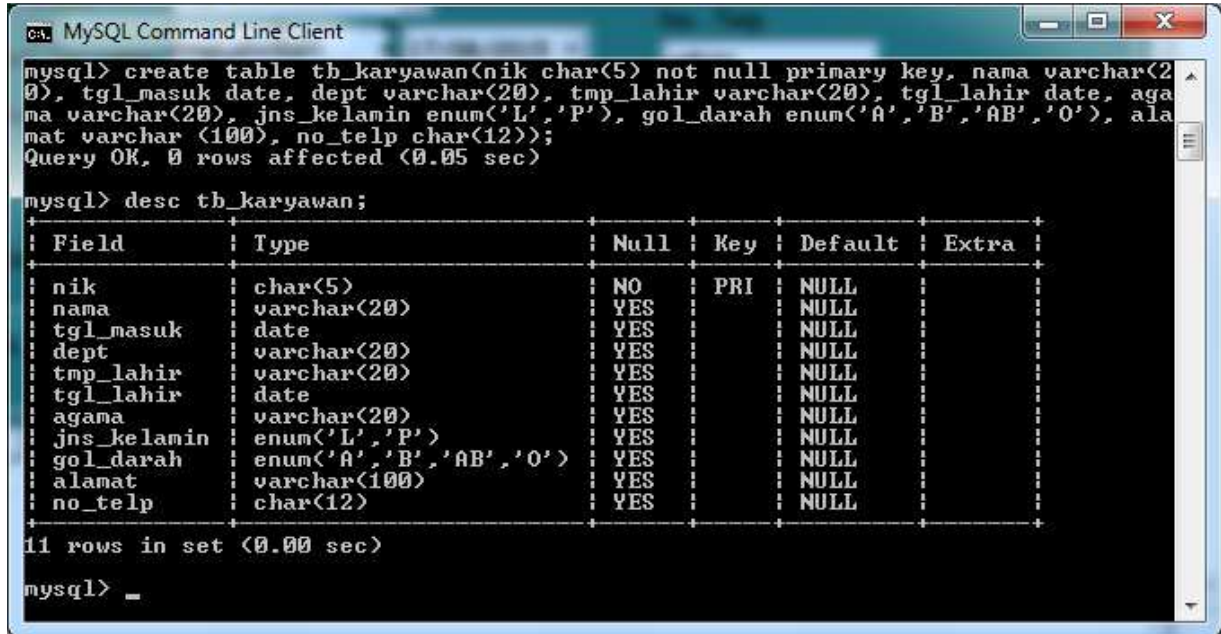


CRUD (3)

1. buat database db_latihan & table tb_karyawan.

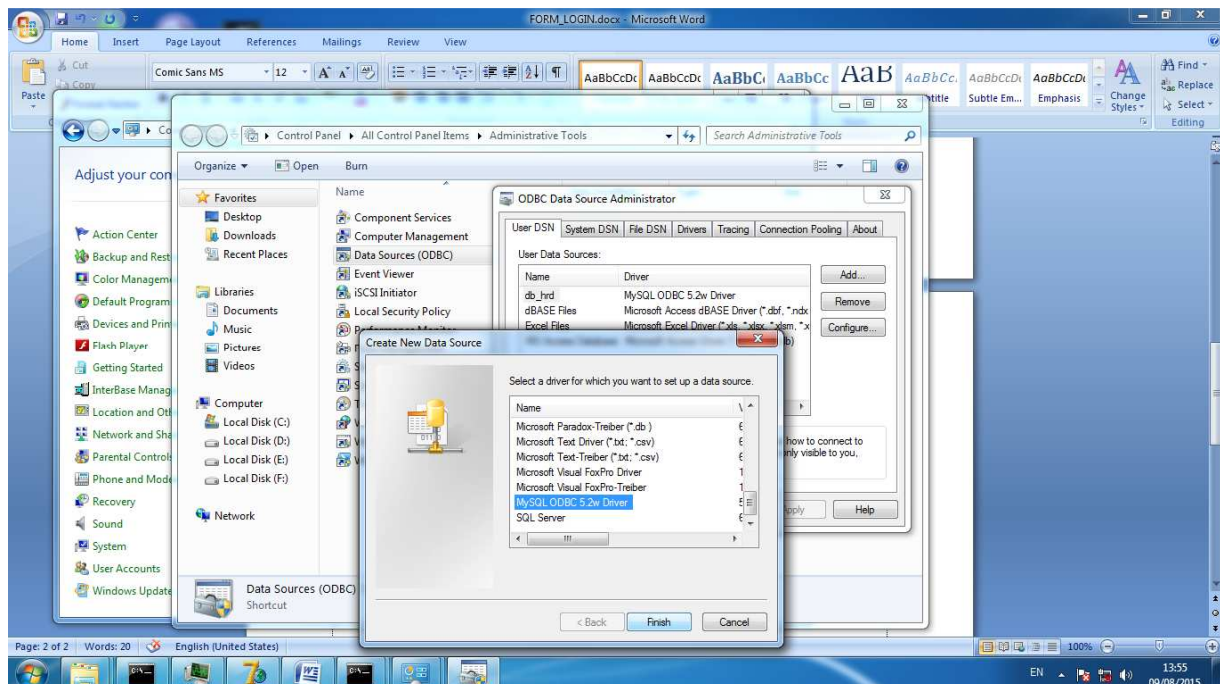


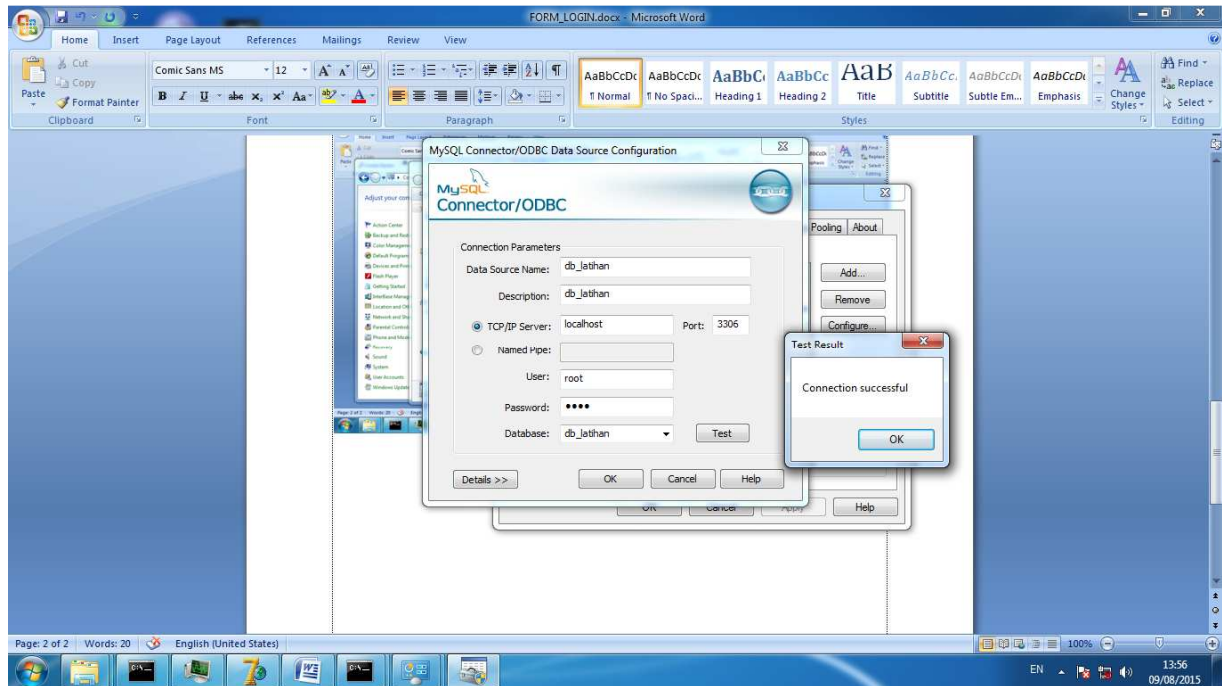
```
mysql> create table tb_karyawan(nik char(5) not null primary key, nama varchar(20), tgl_masuk date, dept varchar(20), tmp_lahir varchar(20), tgl_lahir date, agama varchar(20), jns_kelamin enum('L','P'), gol_darah enum('A','B','AB','O'), alamat varchar(100), no_telp char(12));
Query OK, 0 rows affected (0.05 sec)

mysql> desc tb_karyawan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nik   | char(5) | NO | PRI | NULL |  |
| nama  | varchar(20) | YES |  | NULL |  |
| tgl_masuk | date | YES |  | NULL |  |
| dept  | varchar(20) | YES |  | NULL |  |
| tmp_lahir | varchar(20) | YES |  | NULL |  |
| tgl_lahir | date | YES |  | NULL |  |
| agama | varchar(20) | YES |  | NULL |  |
| jns_kelamin | enum('L','P') | YES |  | NULL |  |
| gol_darah | enum('A','B','AB','O') | YES |  | NULL |  |
| alamat | varchar(100) | YES |  | NULL |  |
| no_telp | char(12) | YES |  | NULL |  |
+-----+-----+-----+-----+-----+-----+
11 rows in set (0.00 sec)

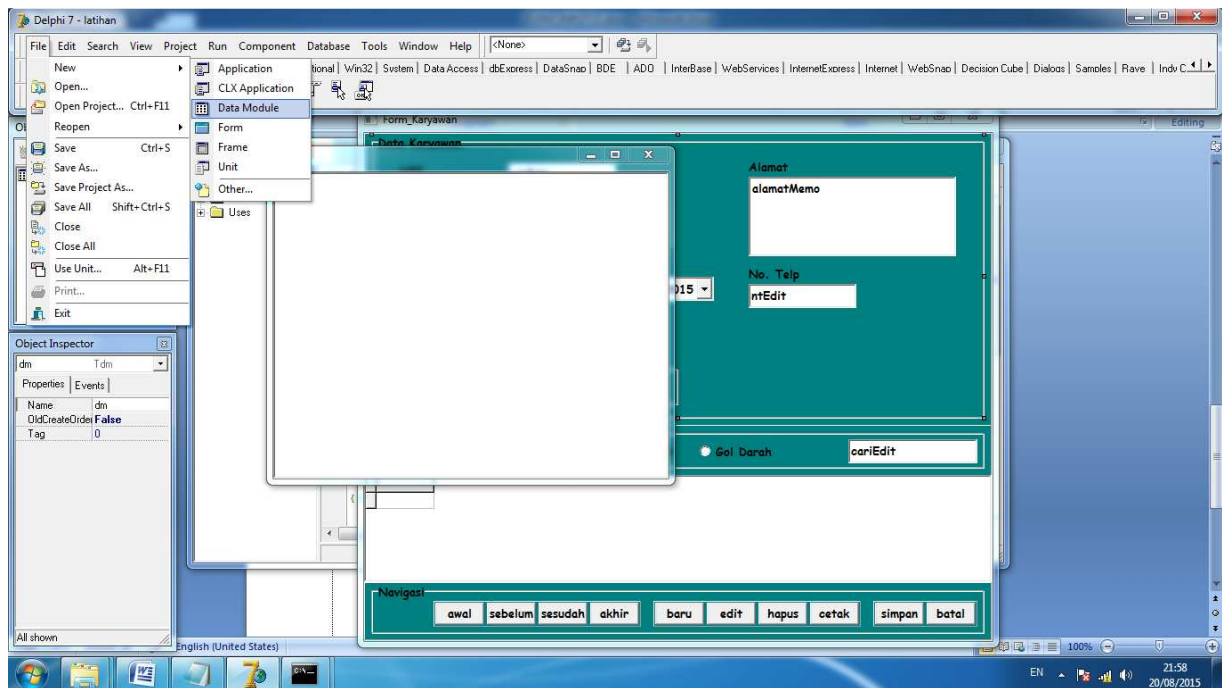
mysql> _
```

2. buat mysql connector, koneksi ke db_latihan.

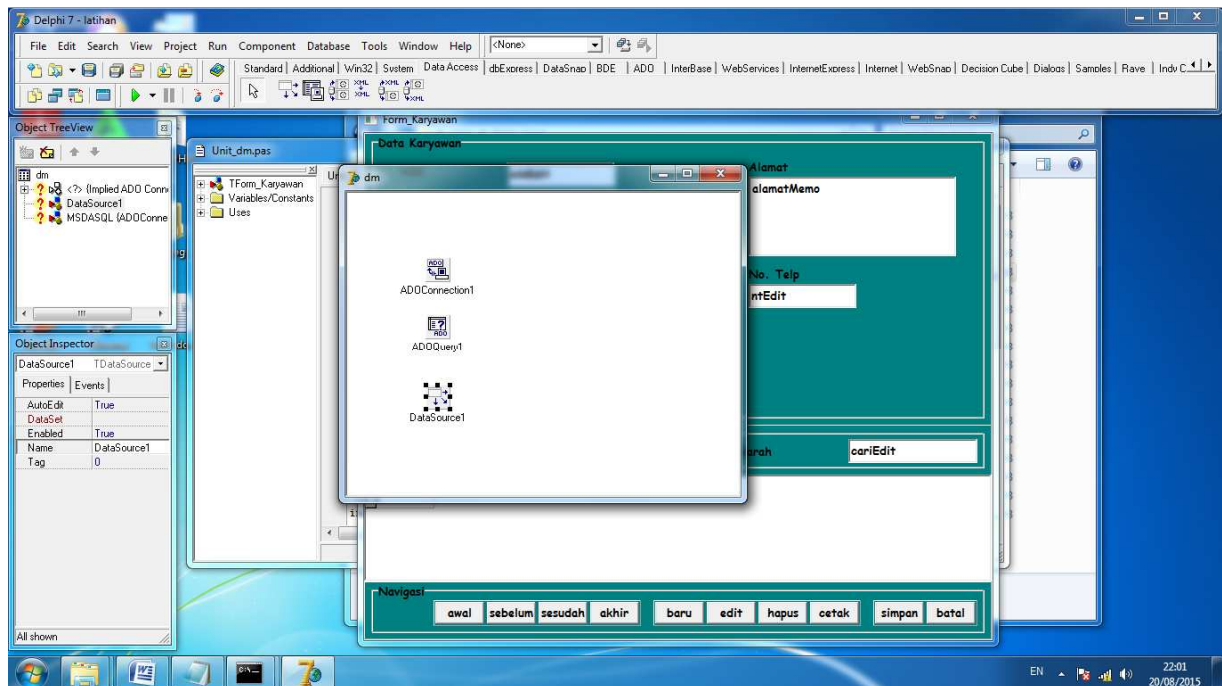




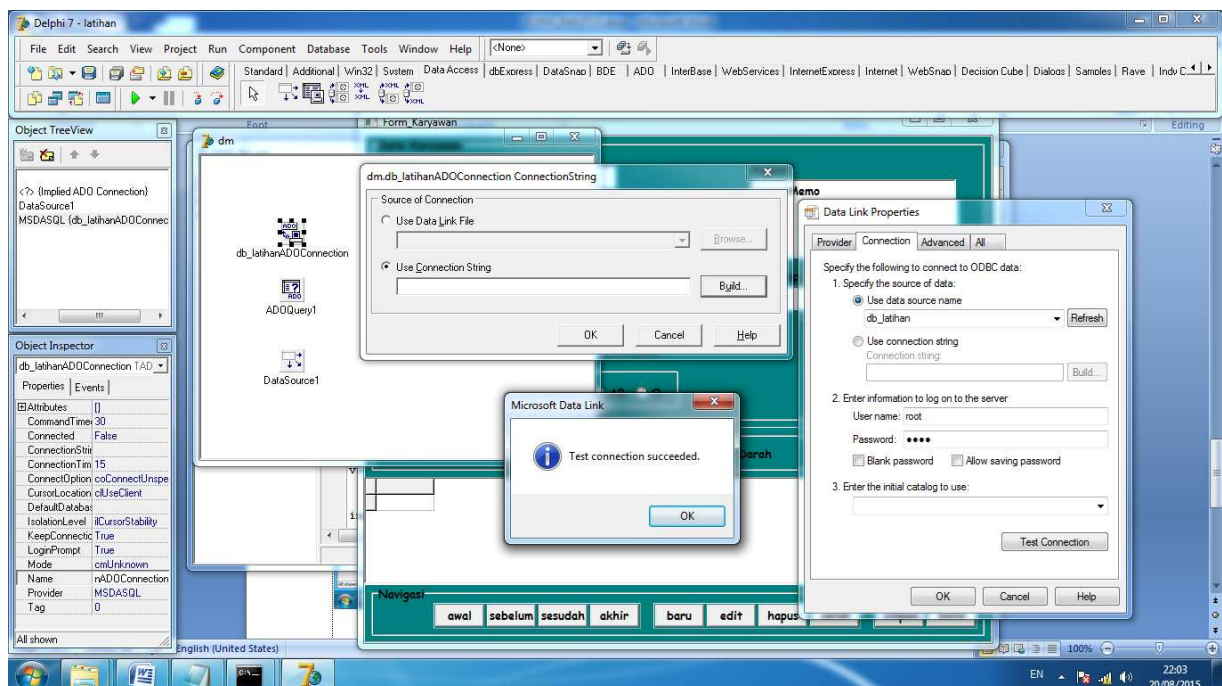
3. buat data modul.



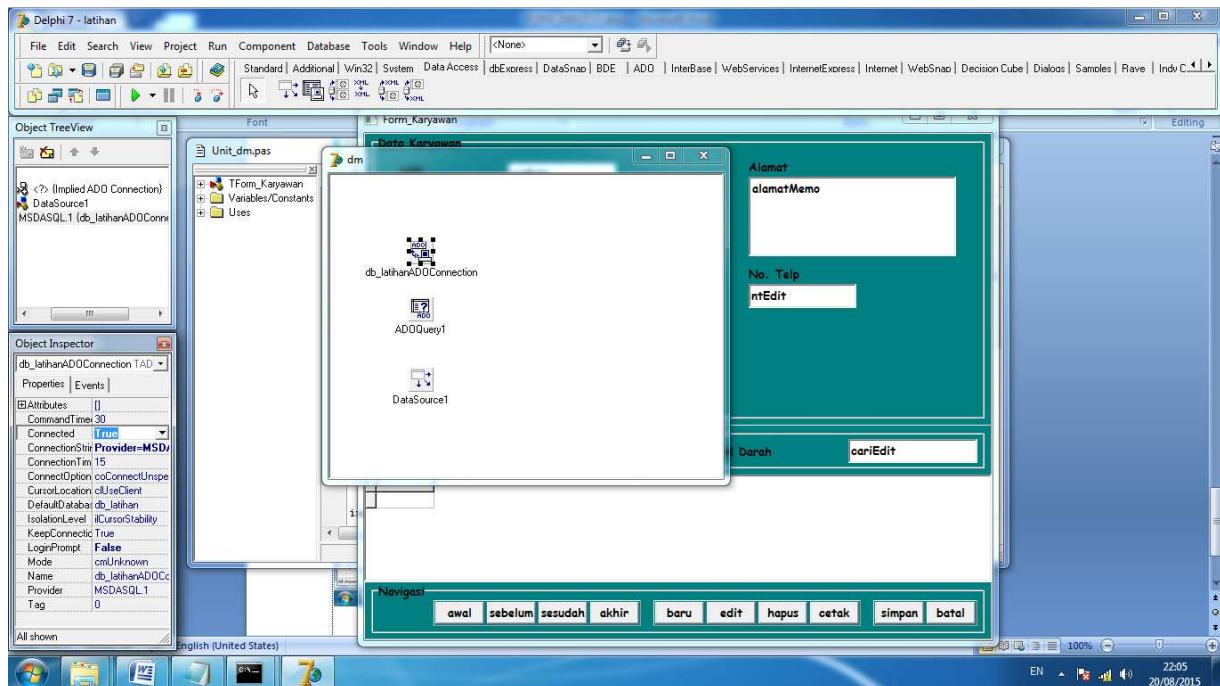
4. tambahkan komponen ADOconnection, ADOquery, & dataSource.



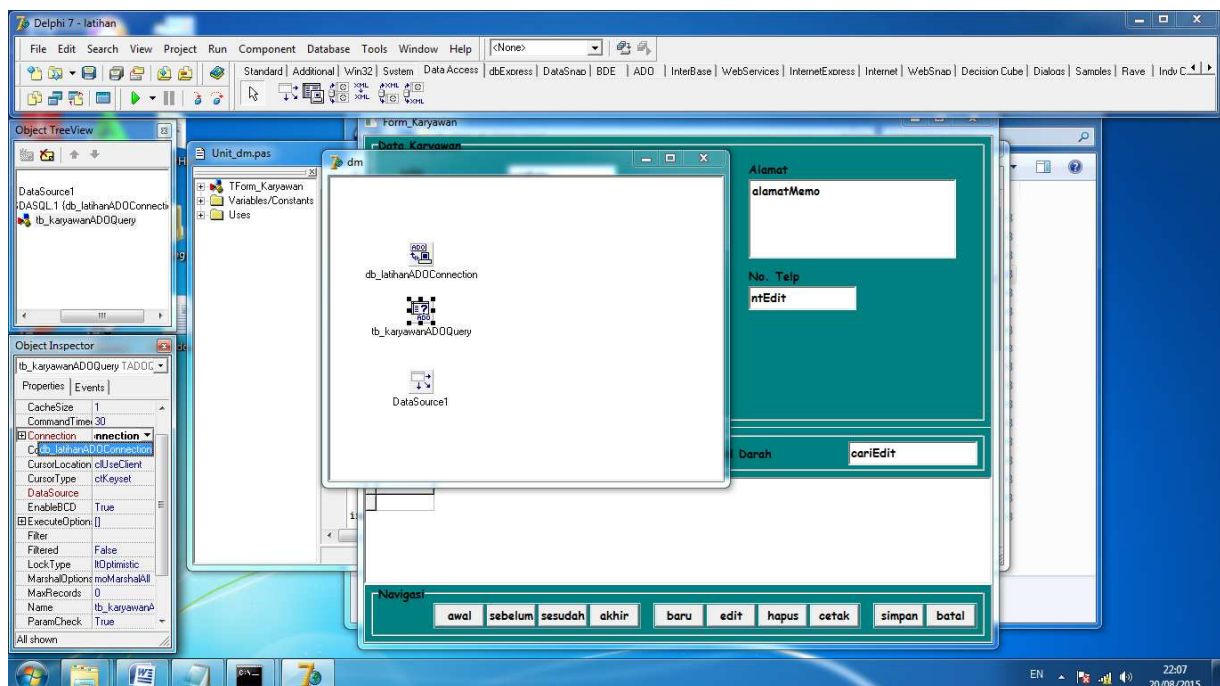
5. klik 2x ADOconnenction, set koneksi ke db_latihan.



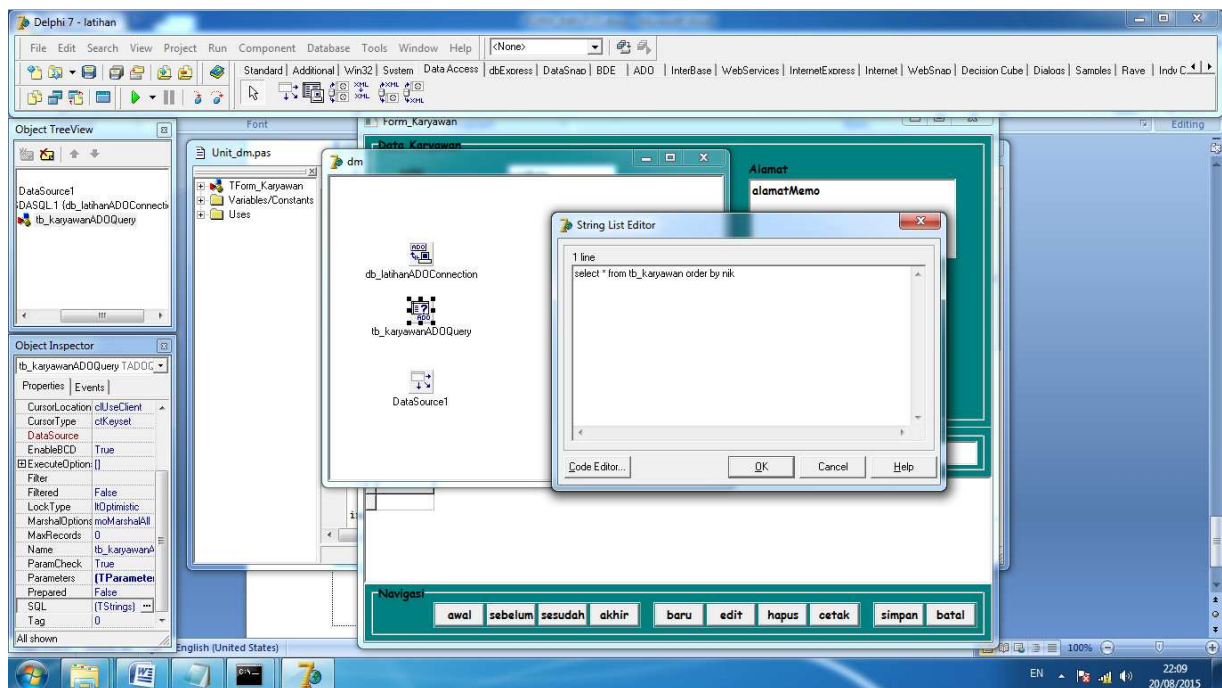
6. set ADOconnection->properties->connected=true & loginPrompt=false.



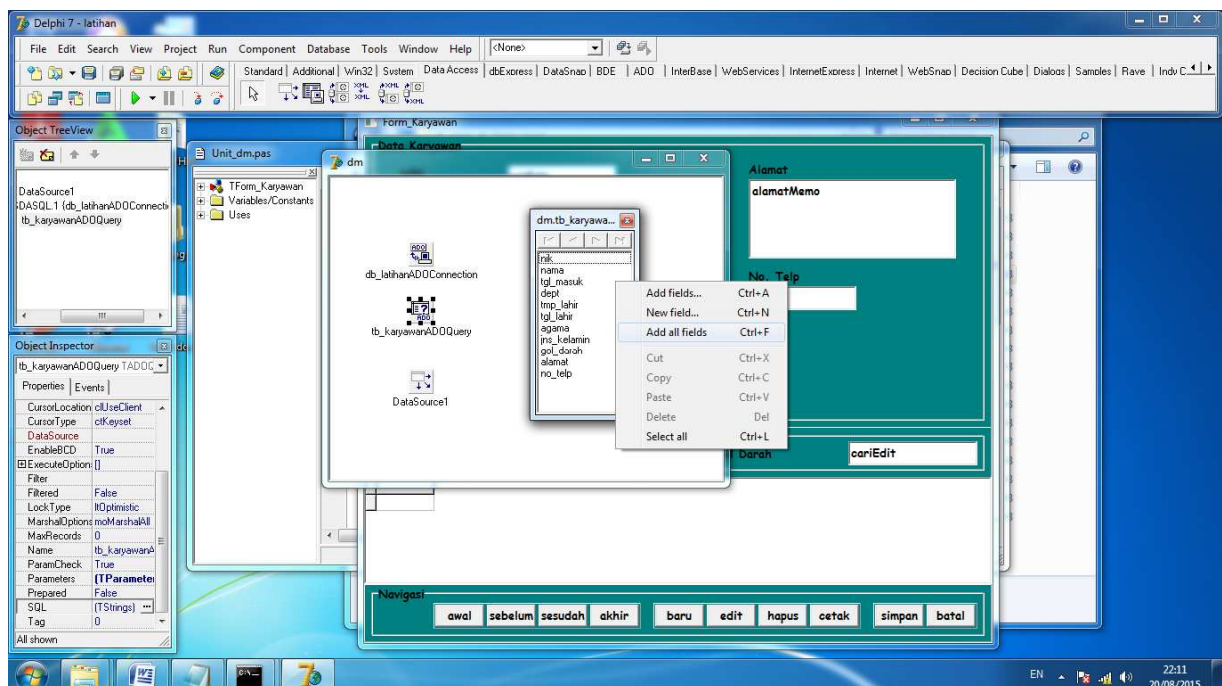
7. set ADOQuery->properties->connection=ADOconnection.



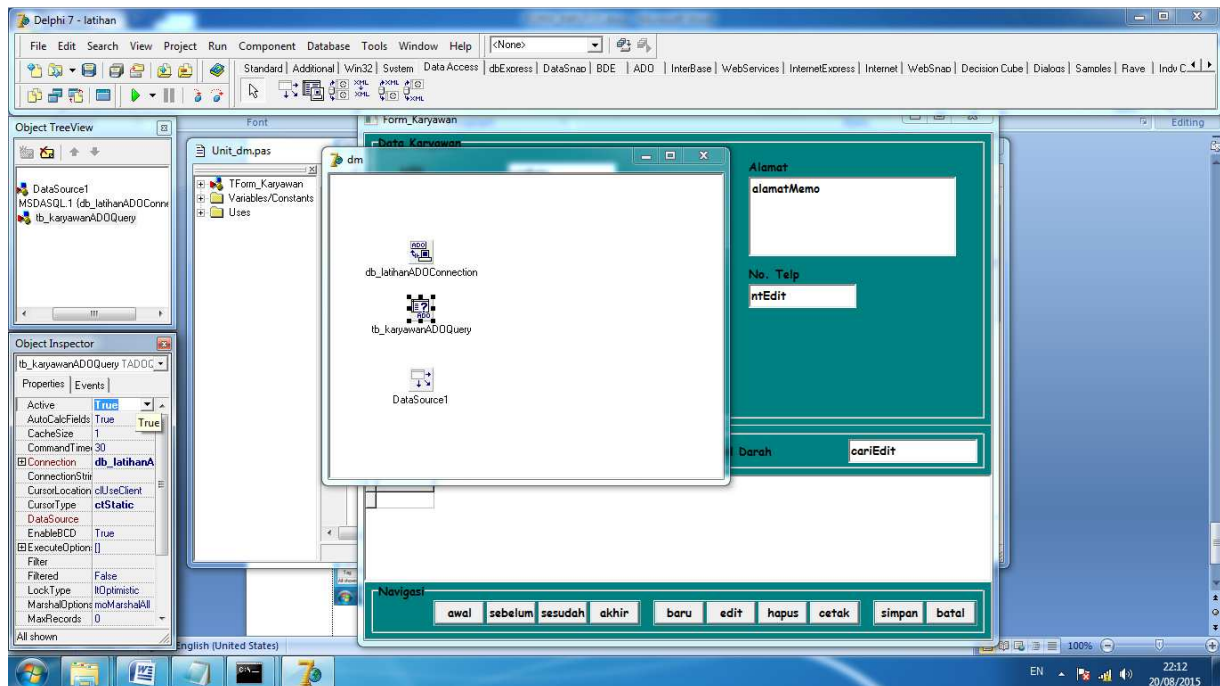
8. set ADOQuery->properties->SQL=seperti gambar.



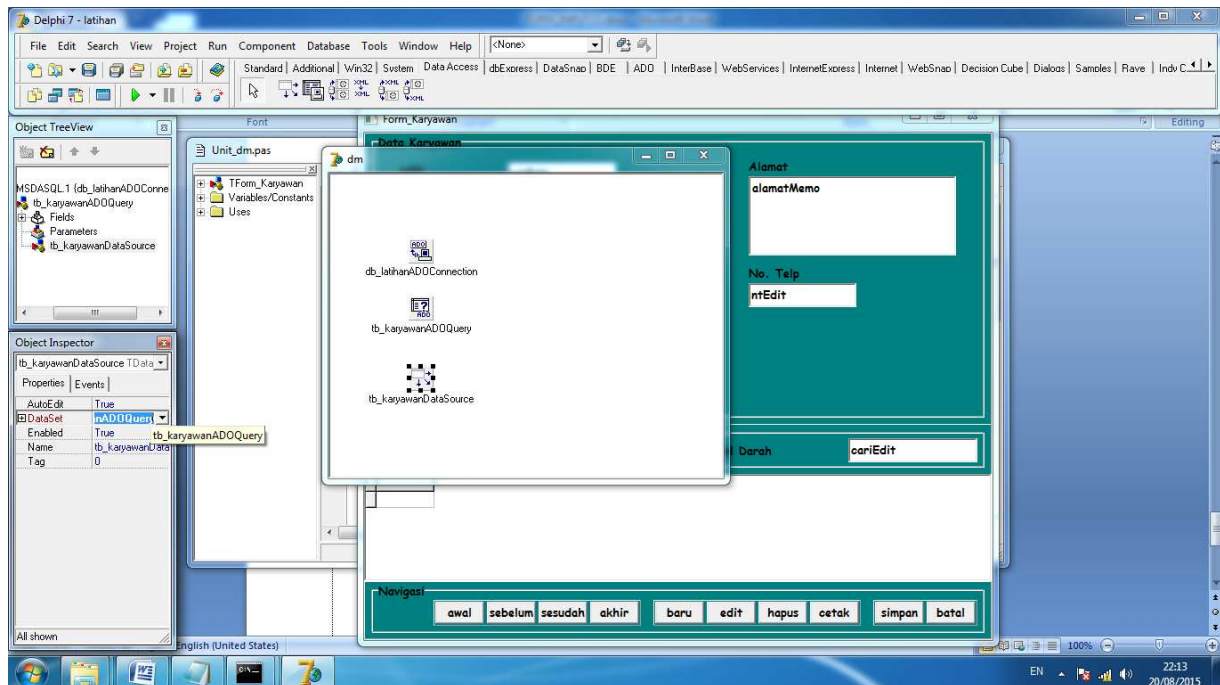
9. klik 2x ADOQuery, klik kanan, add all fields.



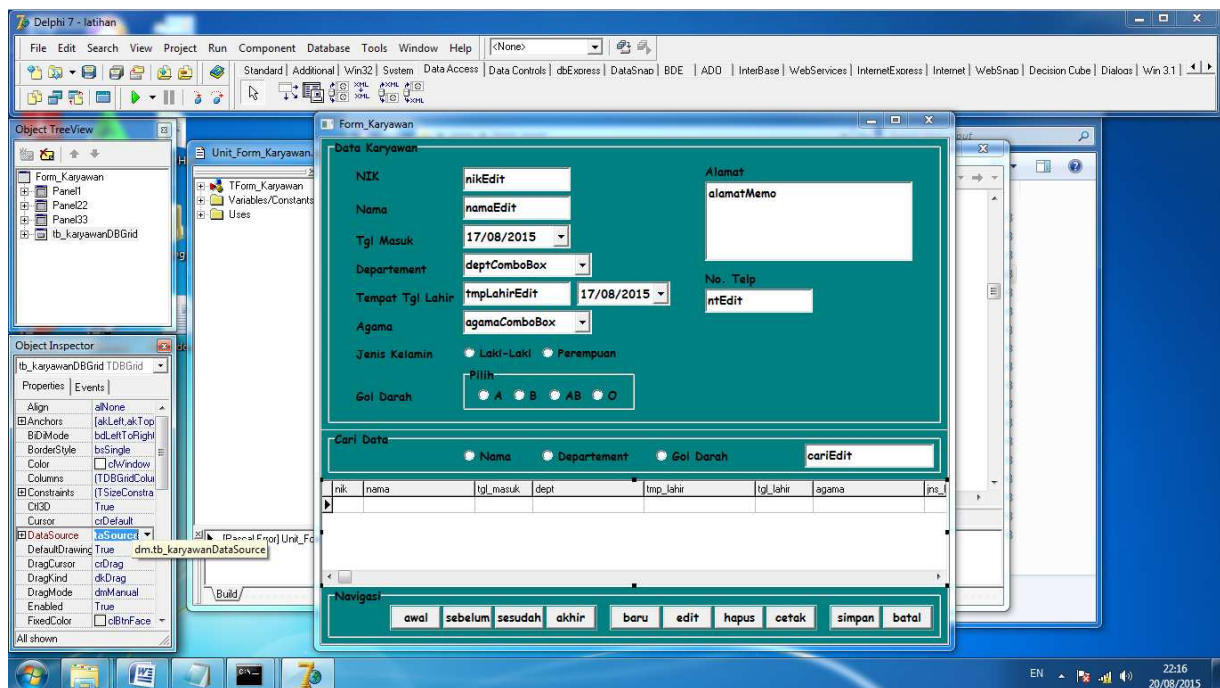
10. set ADOQuery->properties->active=true.



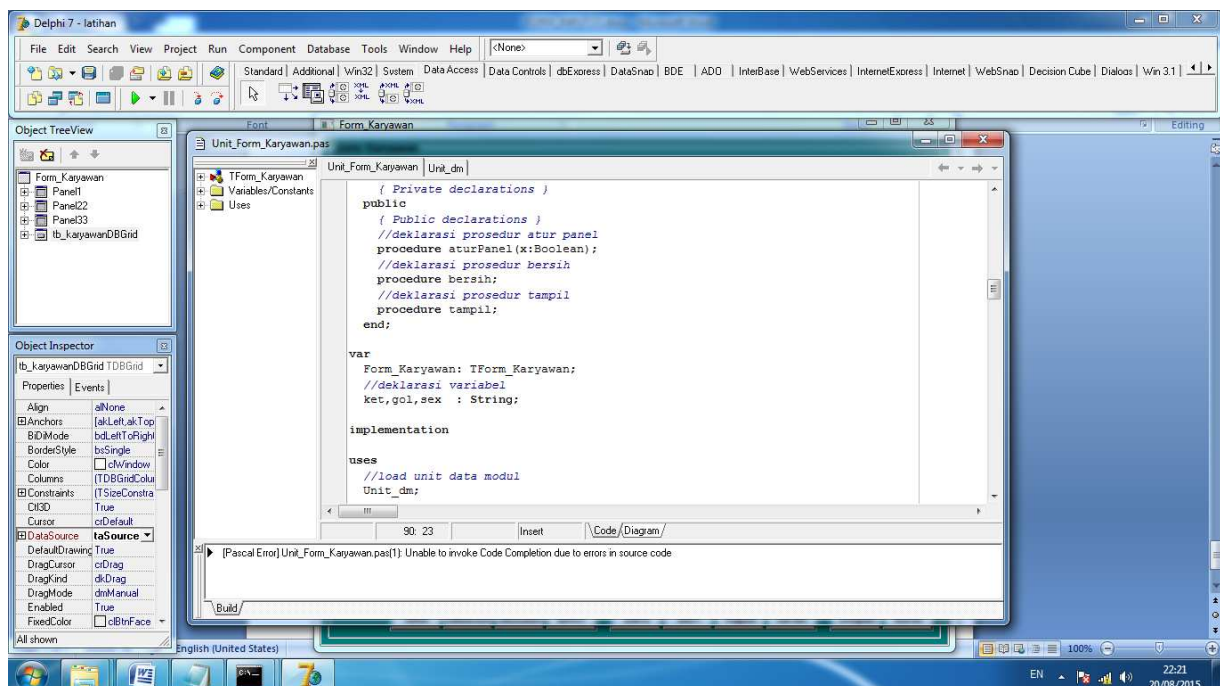
11. set dataSource->properties->dataset=ADOQuery.



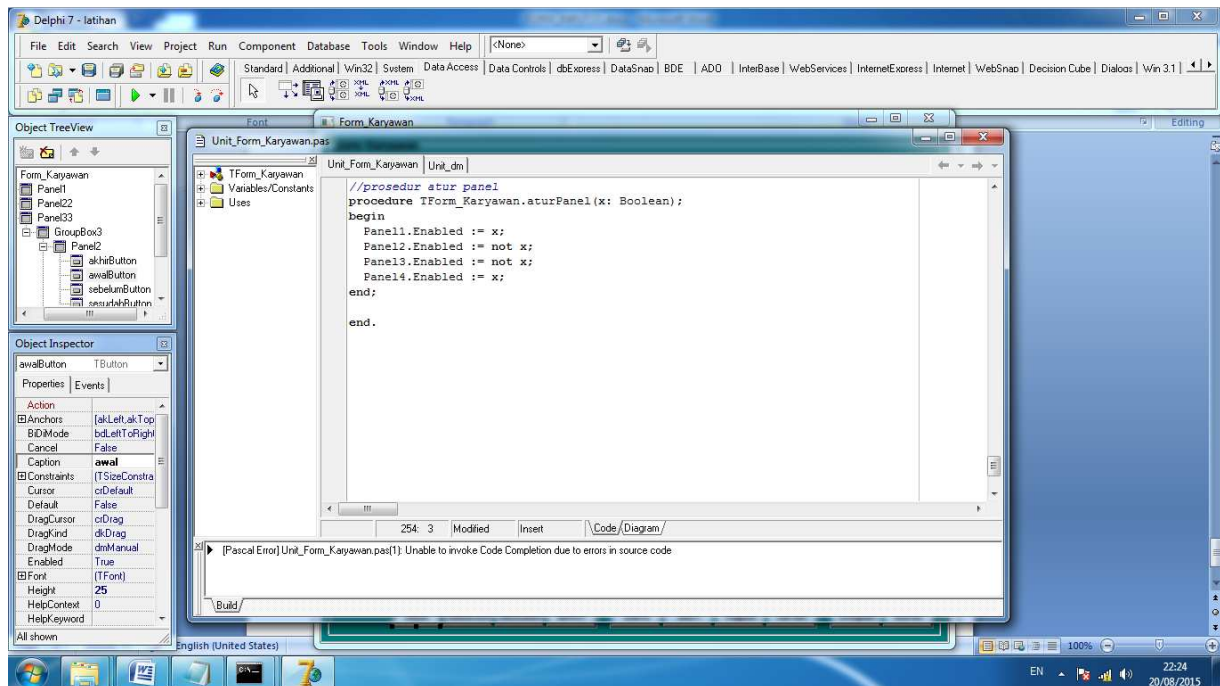
12. set dbGrid->properties->dataSource=dataSource.



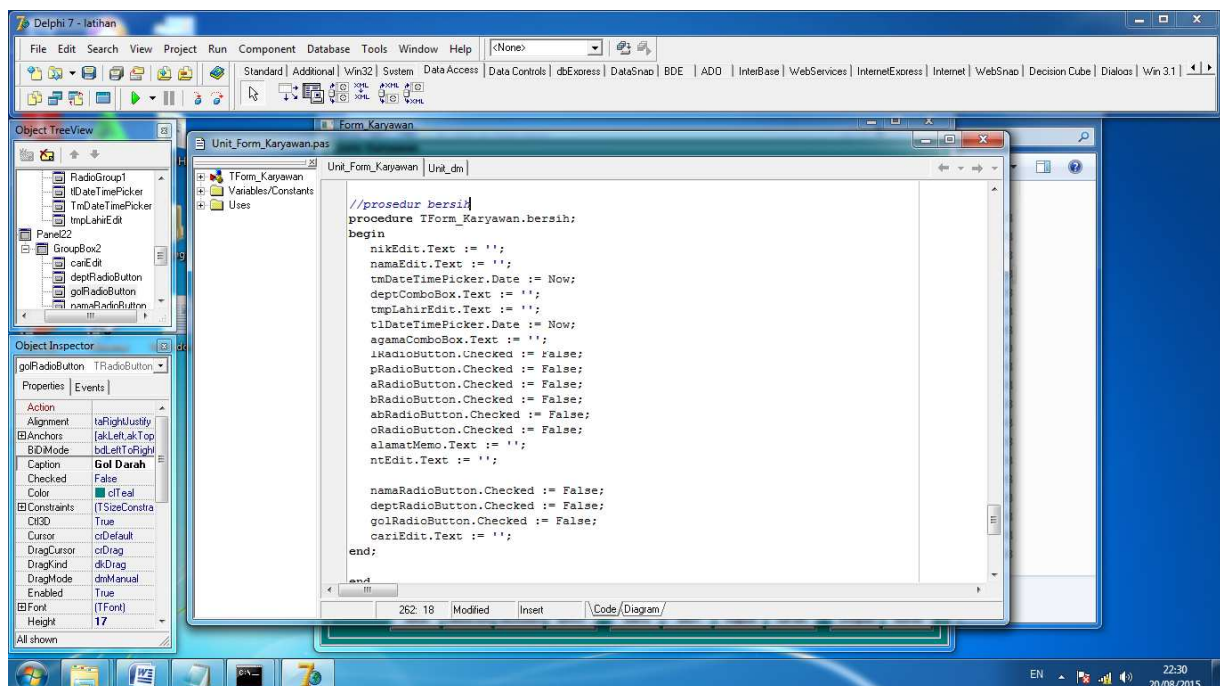
13. pada unit form karyawan, tambahkan prosedur,var & load data modul.



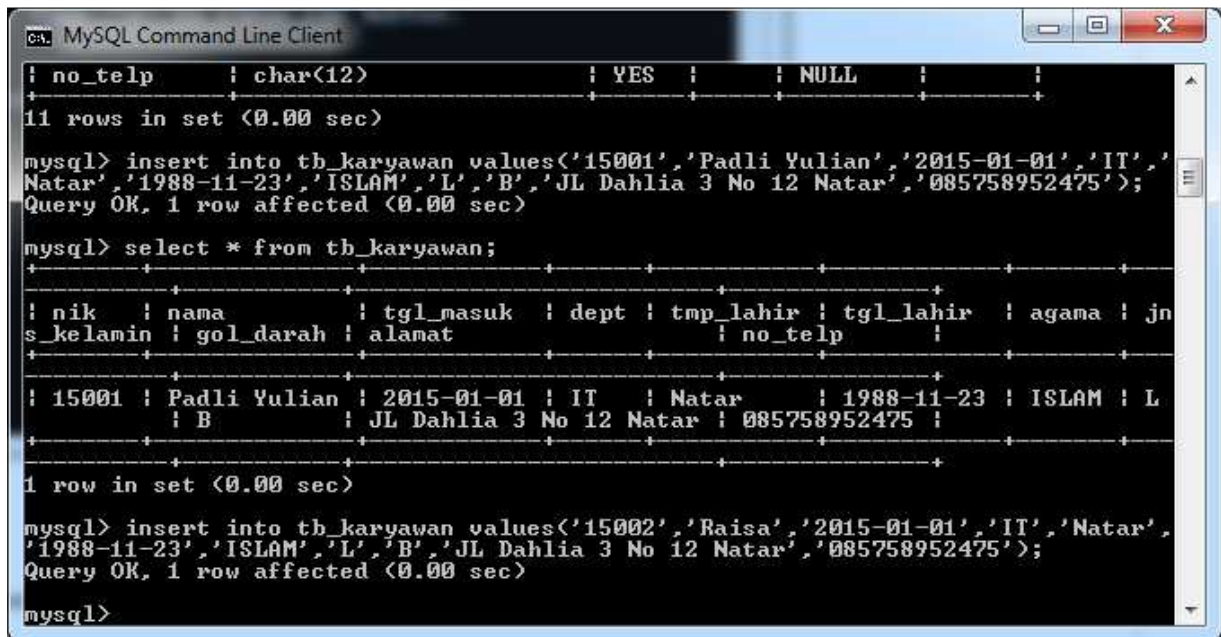
14. prosedur atur panel (mengatur on/off panel 1,2,3,4).



15. prosedur bersih (membersihkan isi/nilai komponen).



16. isi sampel data karyawan.



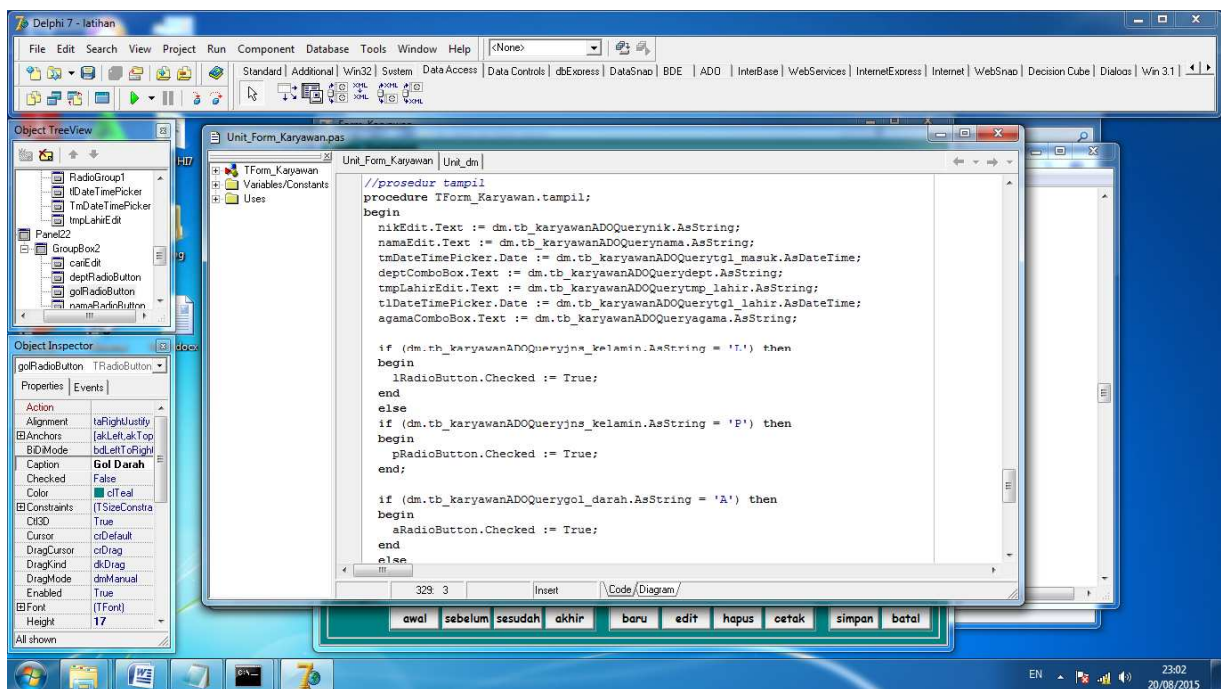
```
mysql> insert into tb_karyawan values('15001','Padli Yulian','2015-01-01','IT','Natar','1988-11-23','ISLAM','L','B','JL Dahlia 3 No 12 Natar','085758952475');
Query OK, 1 row affected (0.00 sec)

mysql> select * from tb_karyawan;
+-----+-----+-----+-----+-----+-----+-----+-----+
| nik   | nama      | tgl_masuk | dept  | tmp_lahir | tgl_lahir | agama | jns_kelamin | gol_darah | alamat                                     | no_telp |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 15001 | Padli Yulian | 2015-01-01 | IT    | Natar     | 1988-11-23 | ISLAM | L           | B         | JL Dahlia 3 No 12 Natar | 085758952475 |
+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> insert into tb_karyawan values('15002','Raisa','2015-01-01','IT','Natar','1988-11-23','ISLAM','L','B','JL Dahlia 3 No 12 Natar','085758952475');
Query OK, 1 row affected (0.00 sec)

mysql>
```

17. prosedur tampil (menampilkan data dari db ke form di dbGrid).



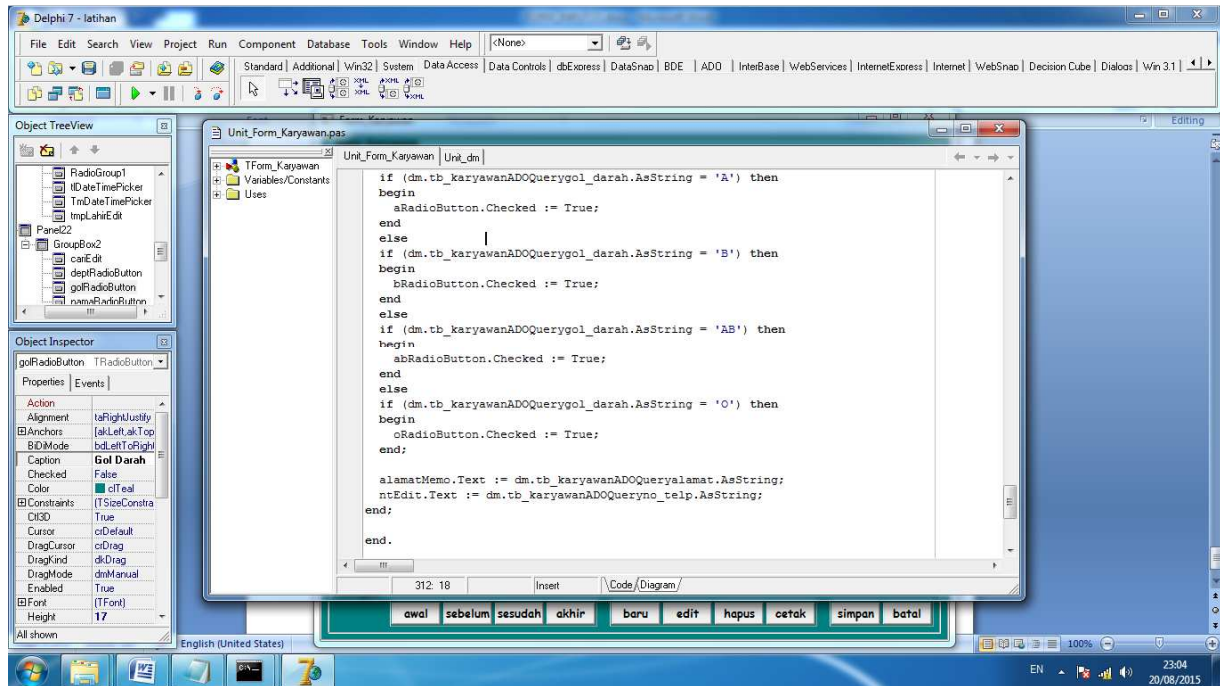
```
Unit_Form_Karyawan.pas
Unit_Form_Karyawan
Unit_dm

TForm_Karyawan
Variables/Constants
Uses

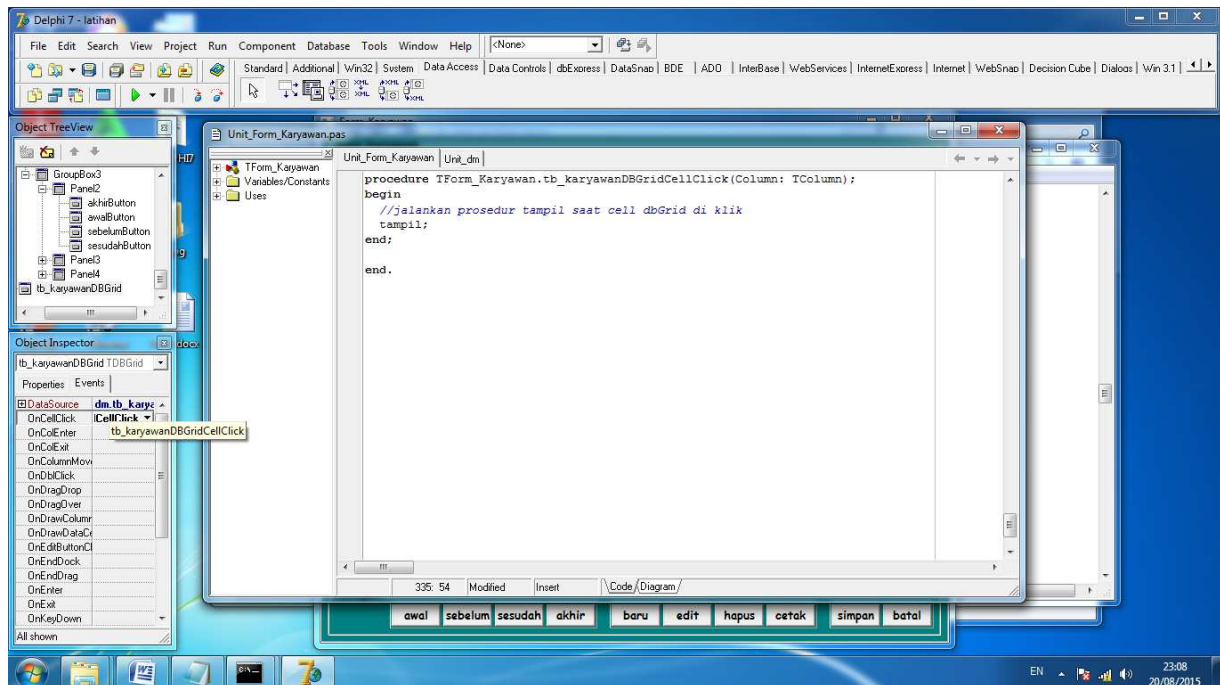
//prosedur tampil
procedure TForm_Karyawan.tampil;
begin
    nikEdit.Text := dm.tb_karyawanADOQuerynik.AsString;
    namaEdit.Text := dm.tb_karyawanADOQuerynama.AsString;
    tmDateTimePicker.Date := dm.tb_karyawanADOQuerytgl_masuk.AsDateTime;
    deptComboBox.Text := dm.tb_karyawanADOQuerydept.AsString;
    tmpLahirEdit.Text := dm.tb_karyawanADOQuerytmp_lahir.AsString;
    tDateTimePicker.Date := dm.tb_karyawanADOQuerytgl_lahir.AsDateTime;
    agamaComboBox.Text := dm.tb_karyawanADOQueryagama.AsString;

    if (dm.tb_karyawanADOQueryjns_kelamin.AsString = 'I') then
    begin
        lRadioButton.Checked := True;
    end
    else
    if (dm.tb_karyawanADOQueryjns_kelamin.AsString = 'P') then
    begin
        pRadioButton.Checked := True;
    end;

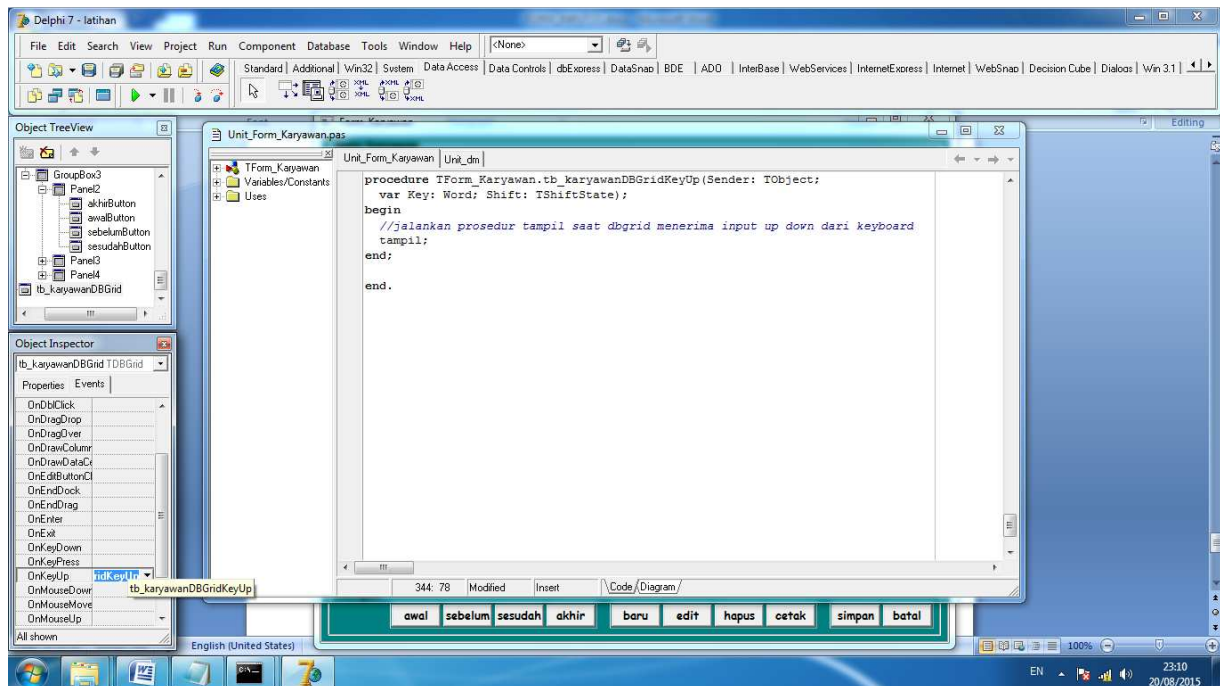
    if (dm.tb_karyawanADOQuerygol_darah.AsString = 'A') then
    begin
        aRadioButton.Checked := True;
    end
    else
    end;
end;
```



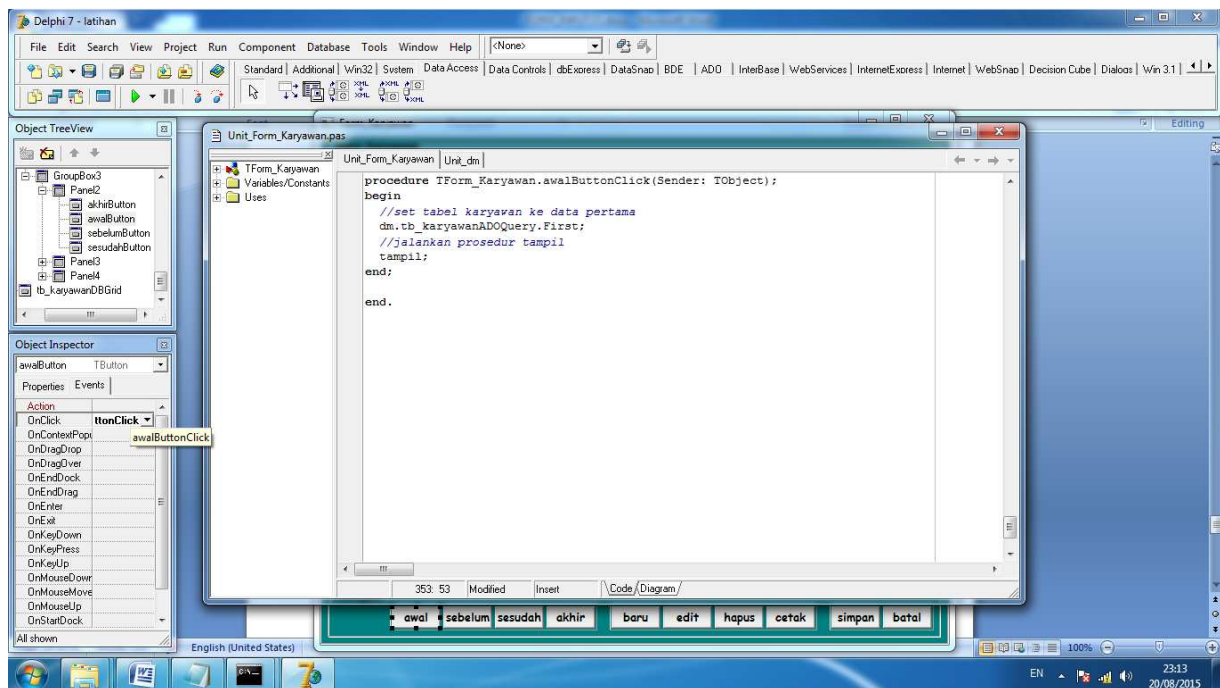
18. set dbGrid->events->onCellClick=tampil.



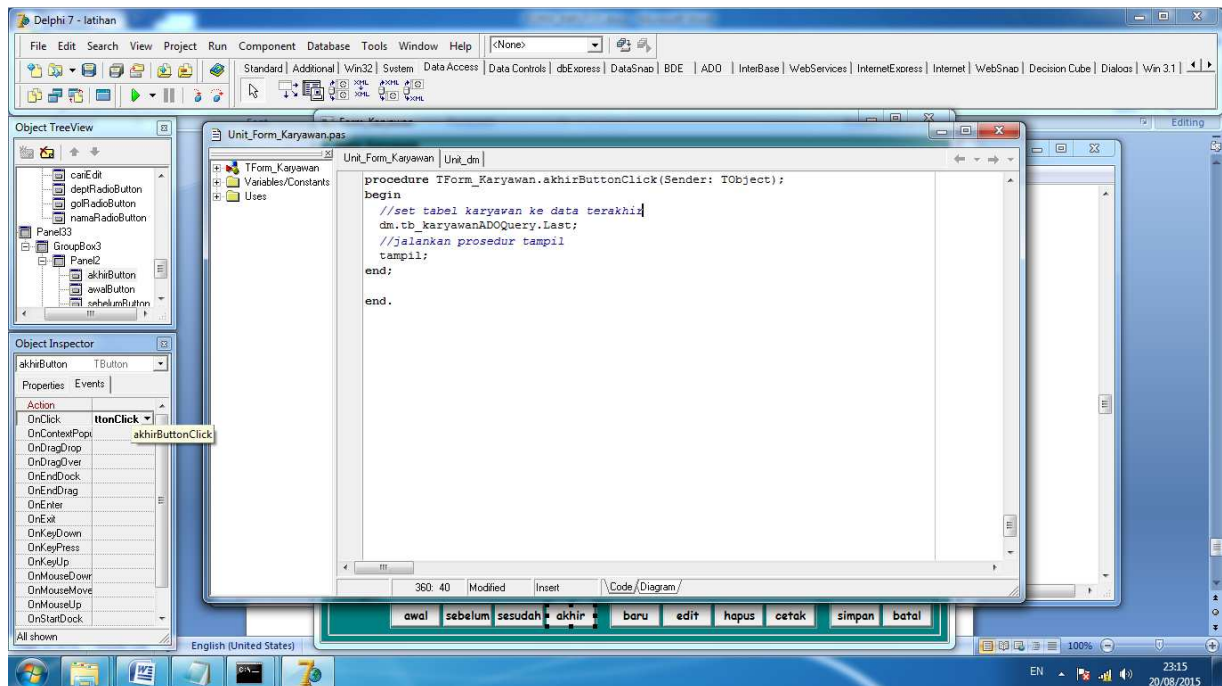
19. set dbGrid->events->onKeyUp=tampil.



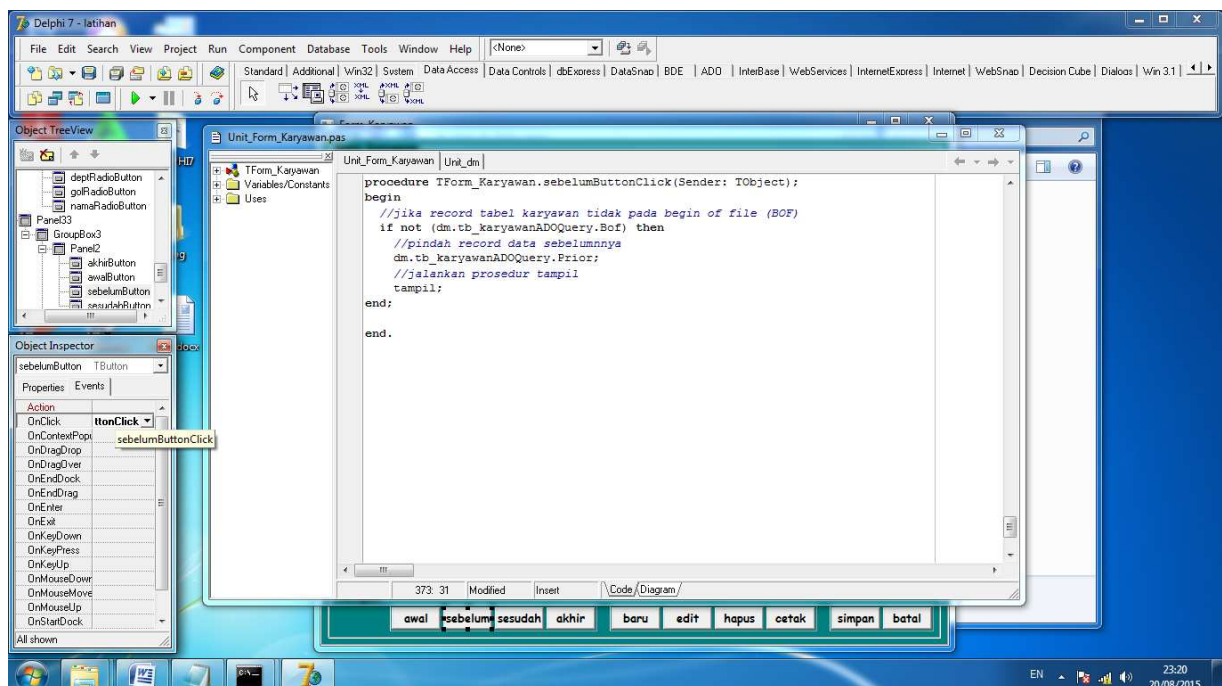
20. set awalButton->event->onClick.



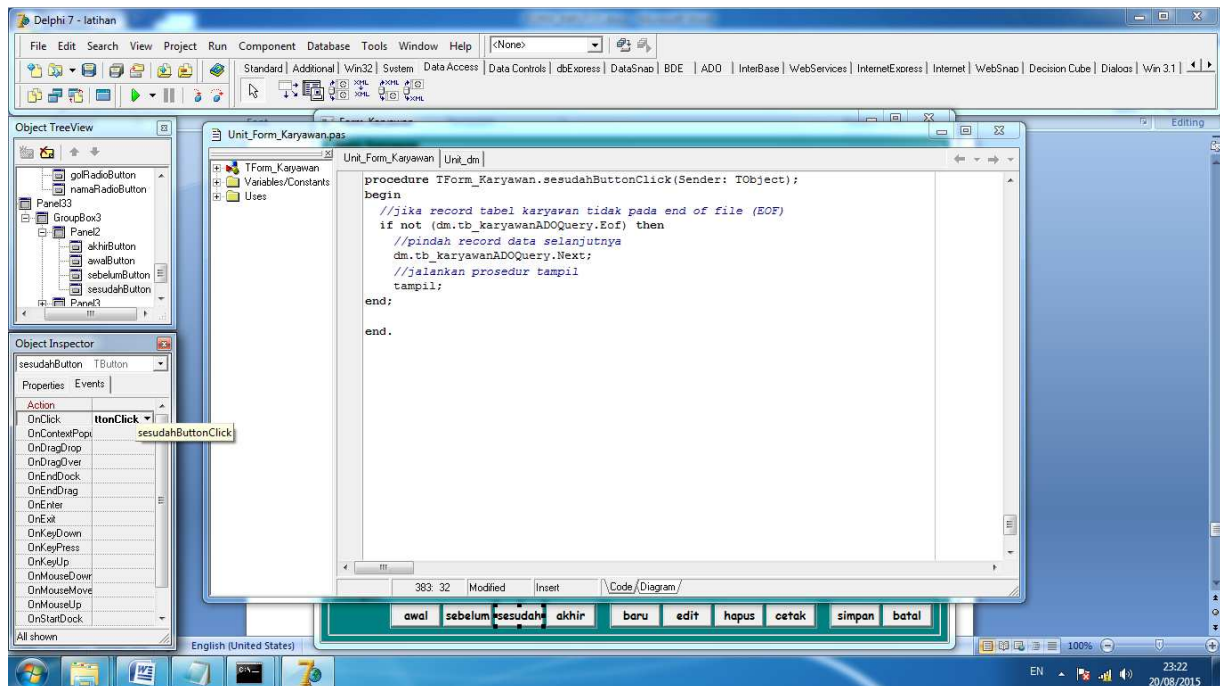
21. set akhirButton->event->onClick.



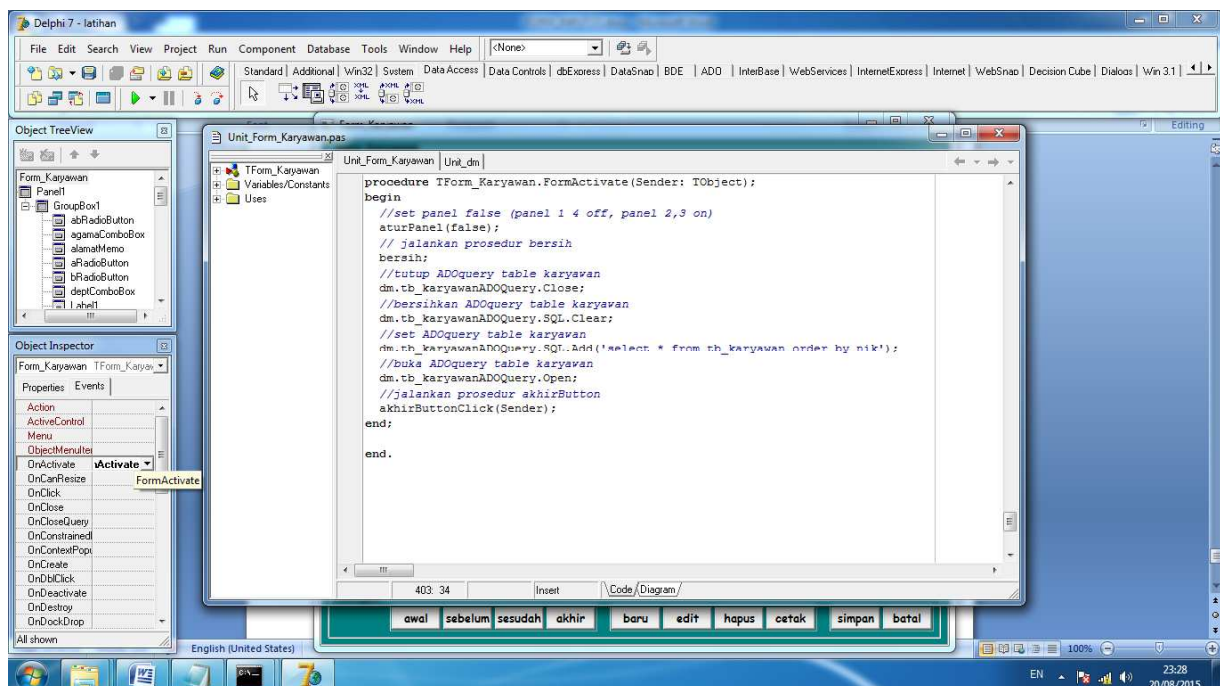
22. set sebelumButton->event->onClick.



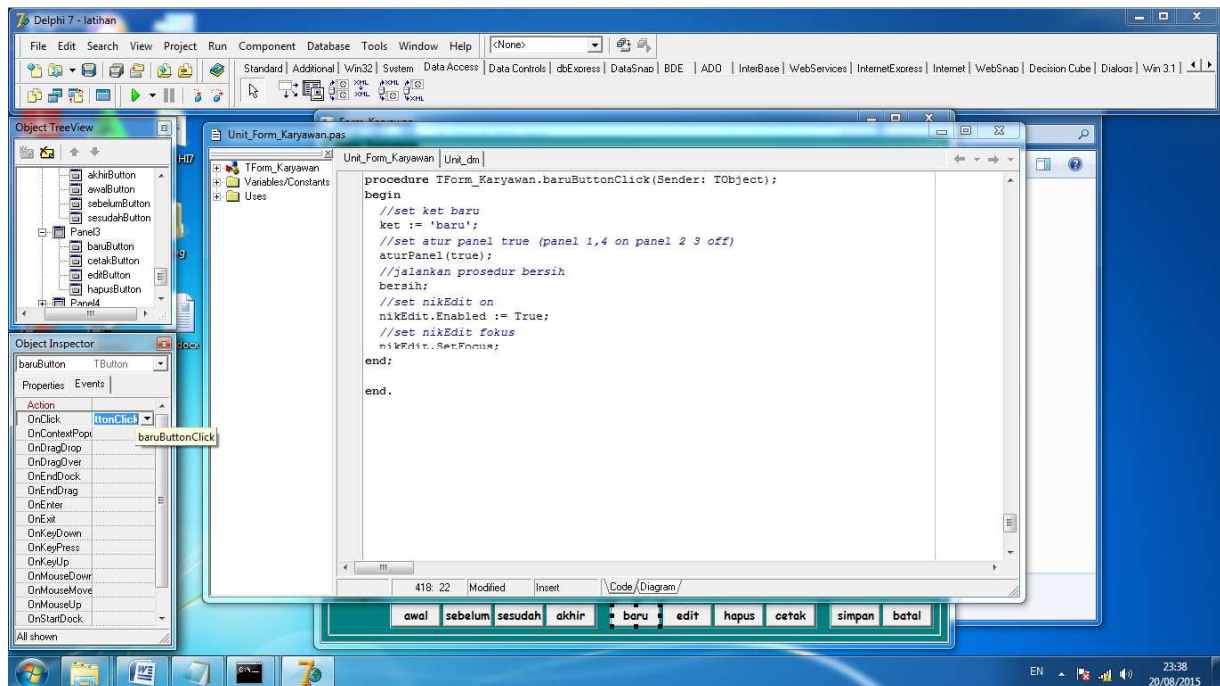
23. set sesudahButton->event->onClick.



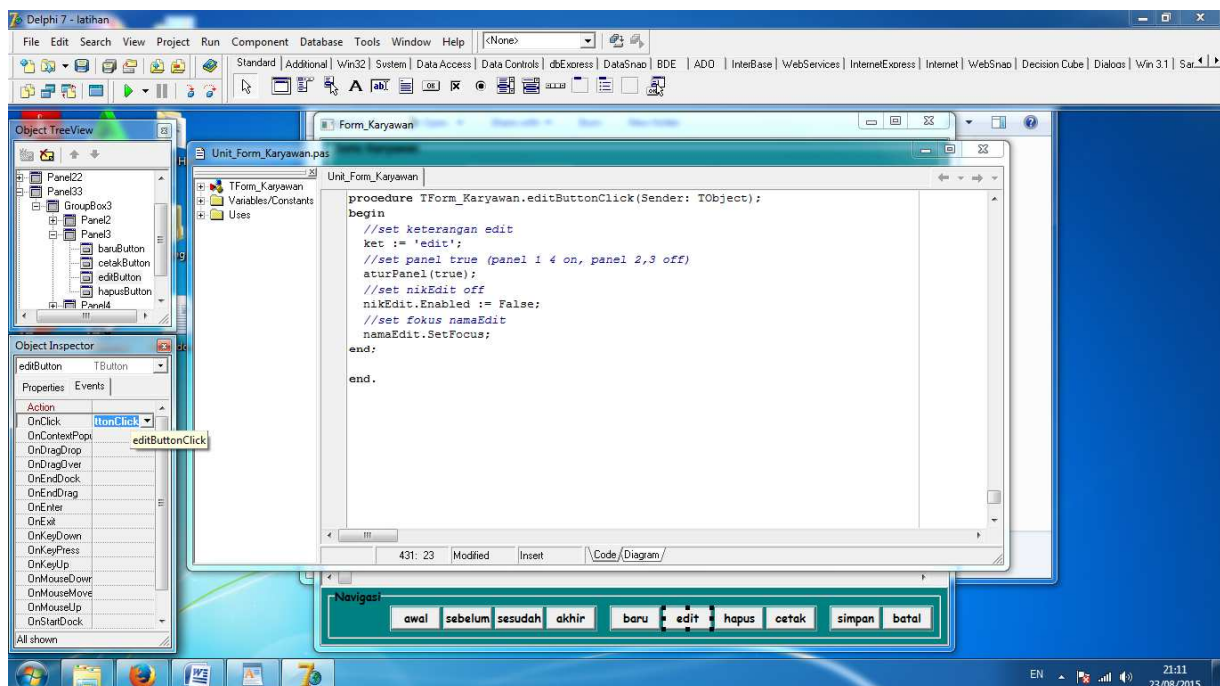
24. set form_karyawan->event->onActive.



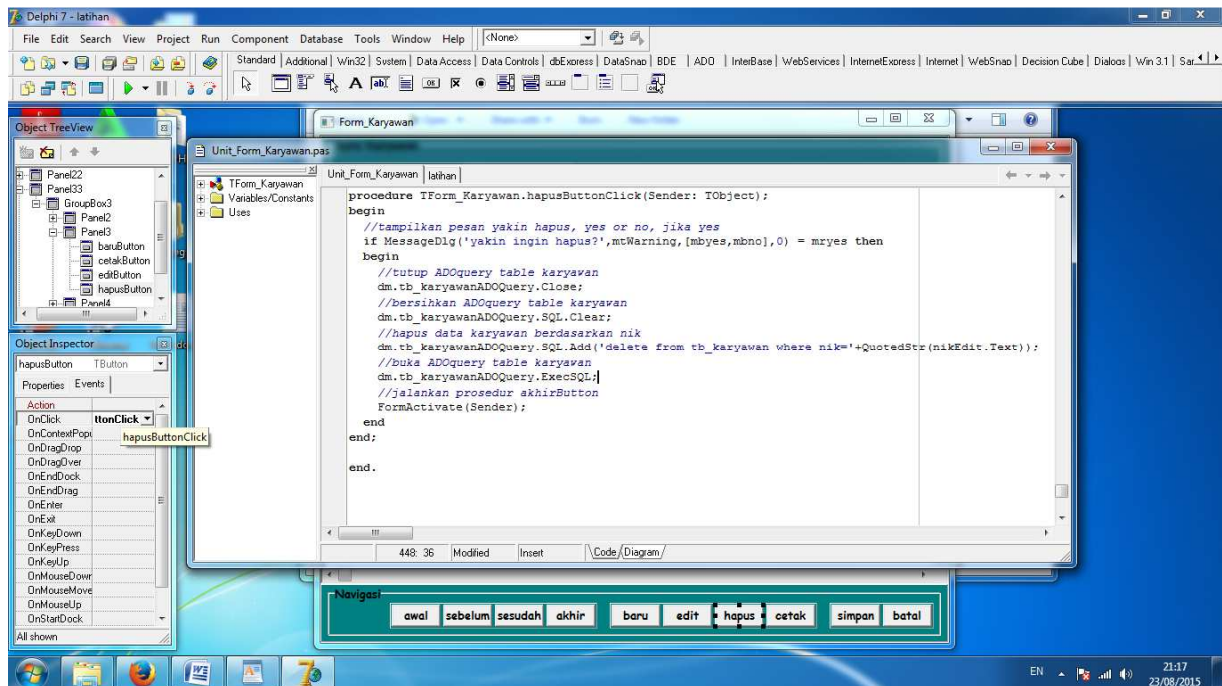
25. set baruButton->event->onClick.



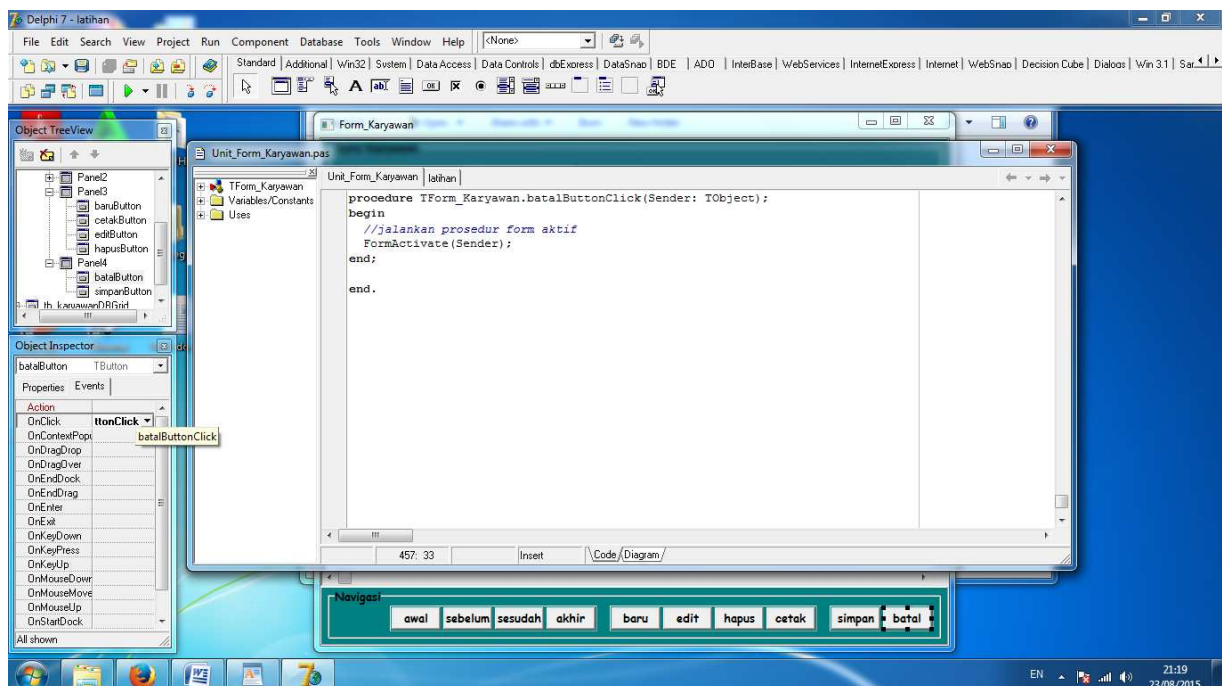
26. set editButton->event->onClick.



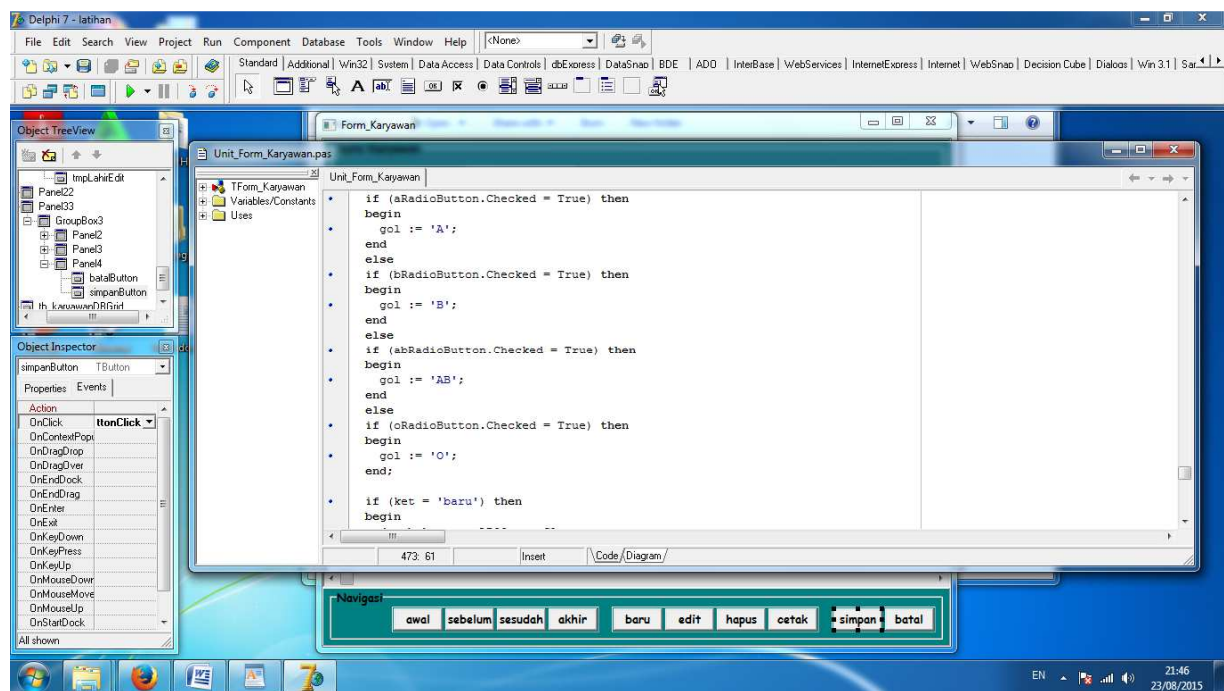
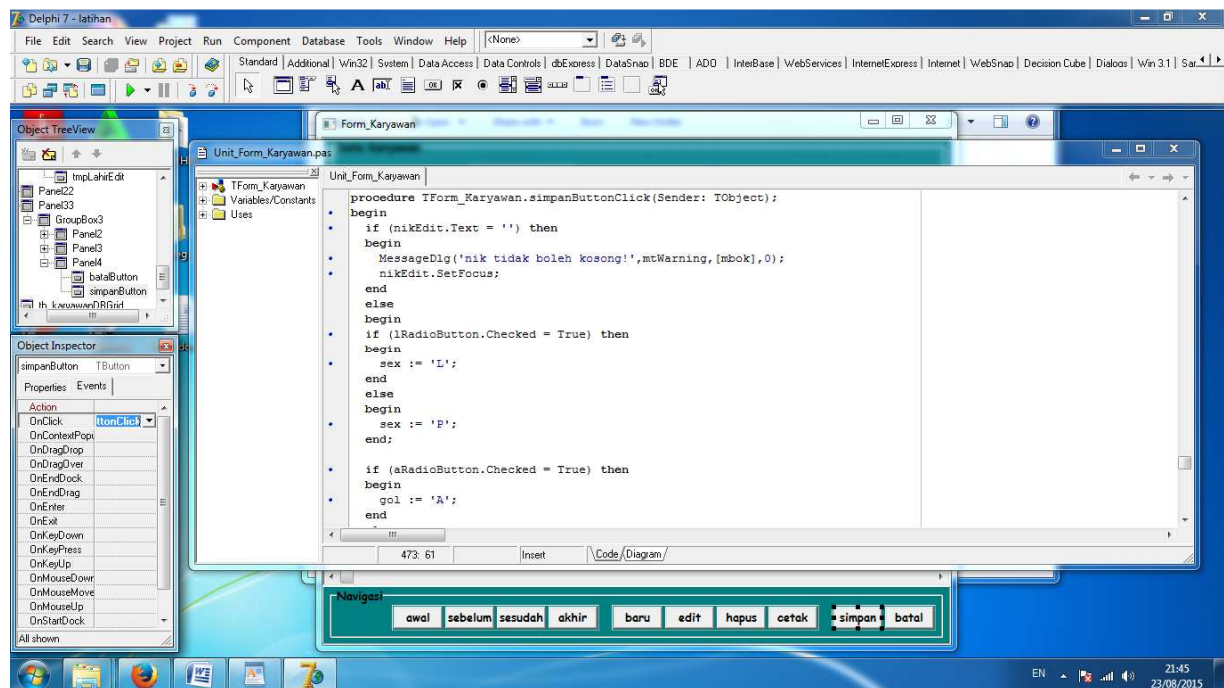
27. set hapusButton->event->onClick.

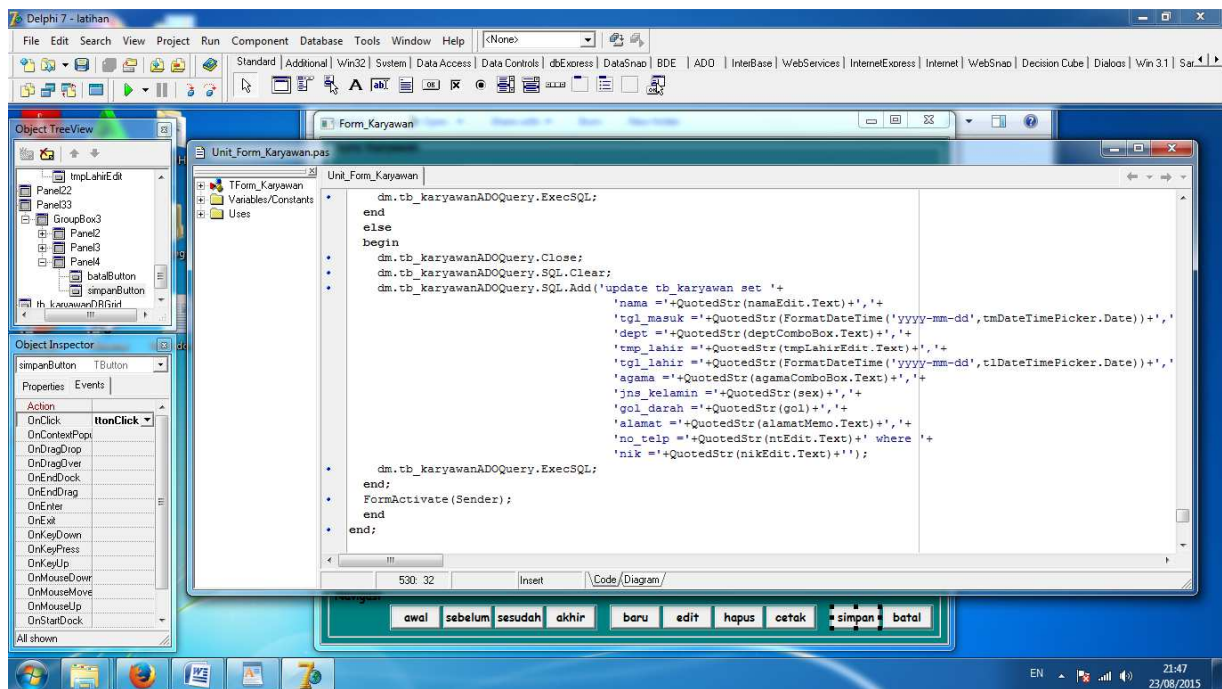
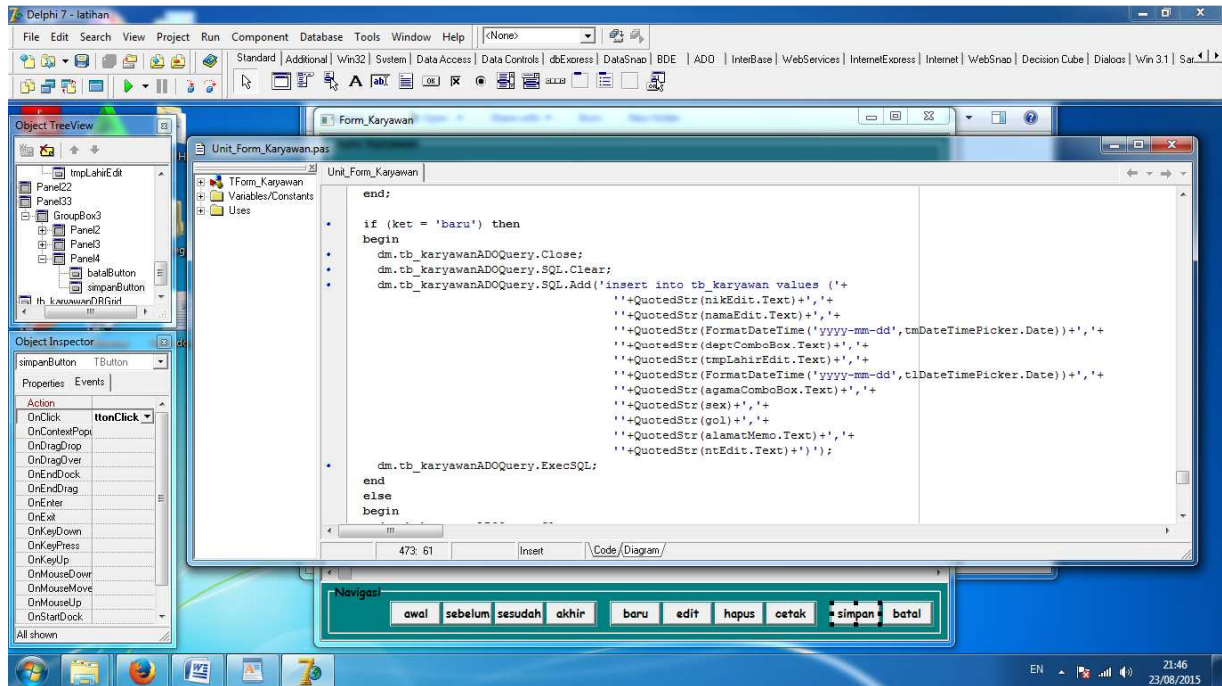


28. set batalButton->event->onClick.

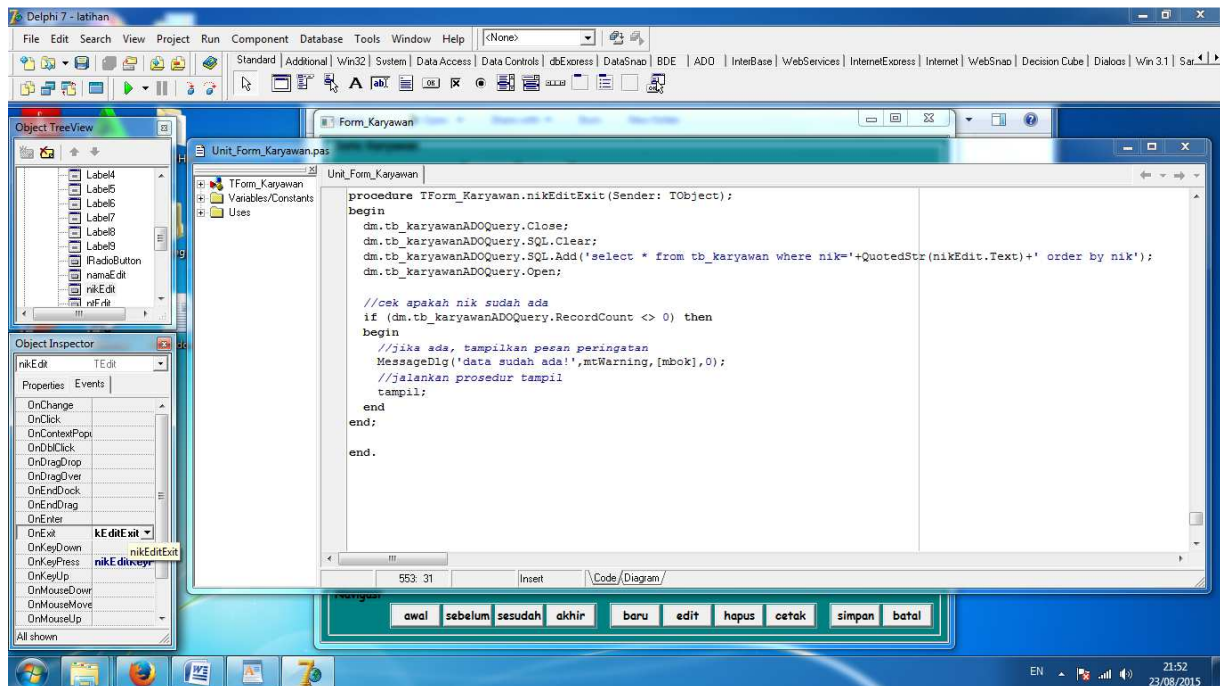


29. set simpanButton->event->onClick.

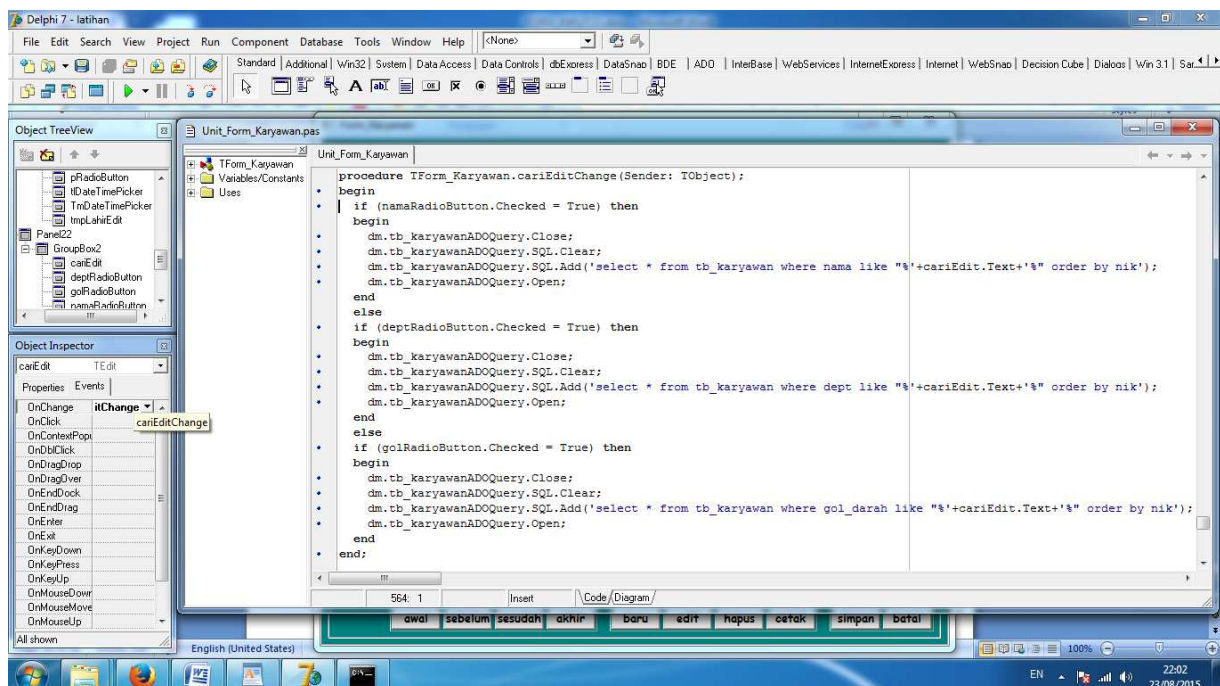




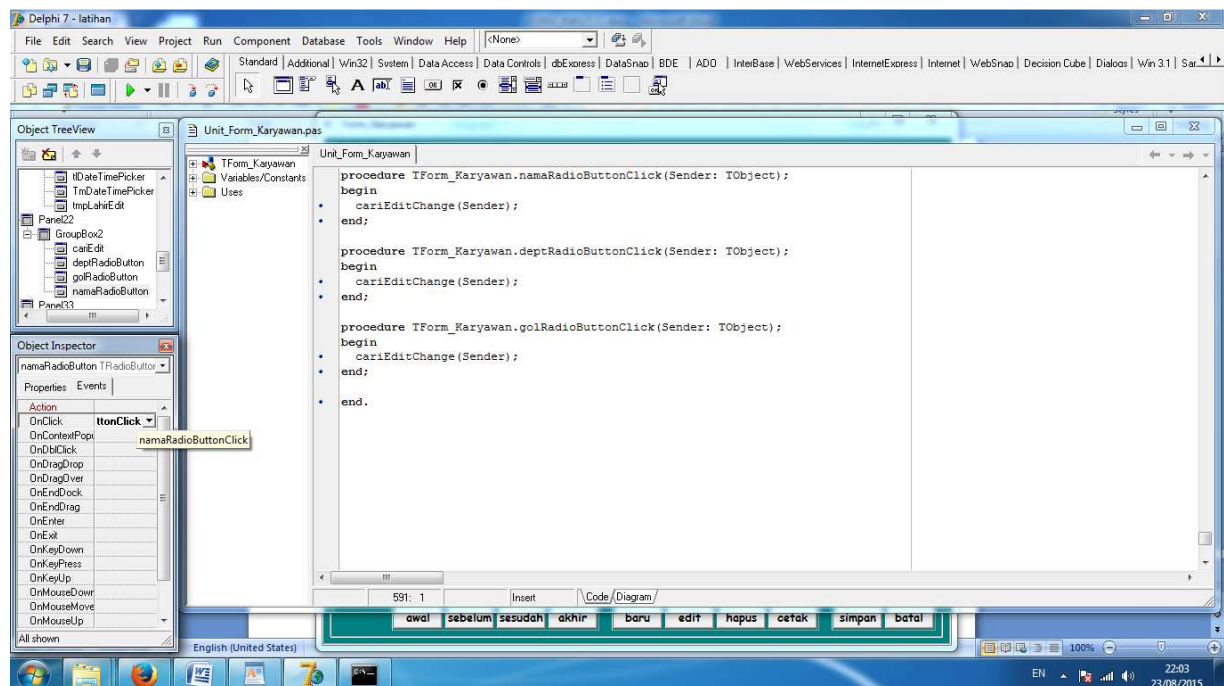
30. set nikEdit->event->onExit.



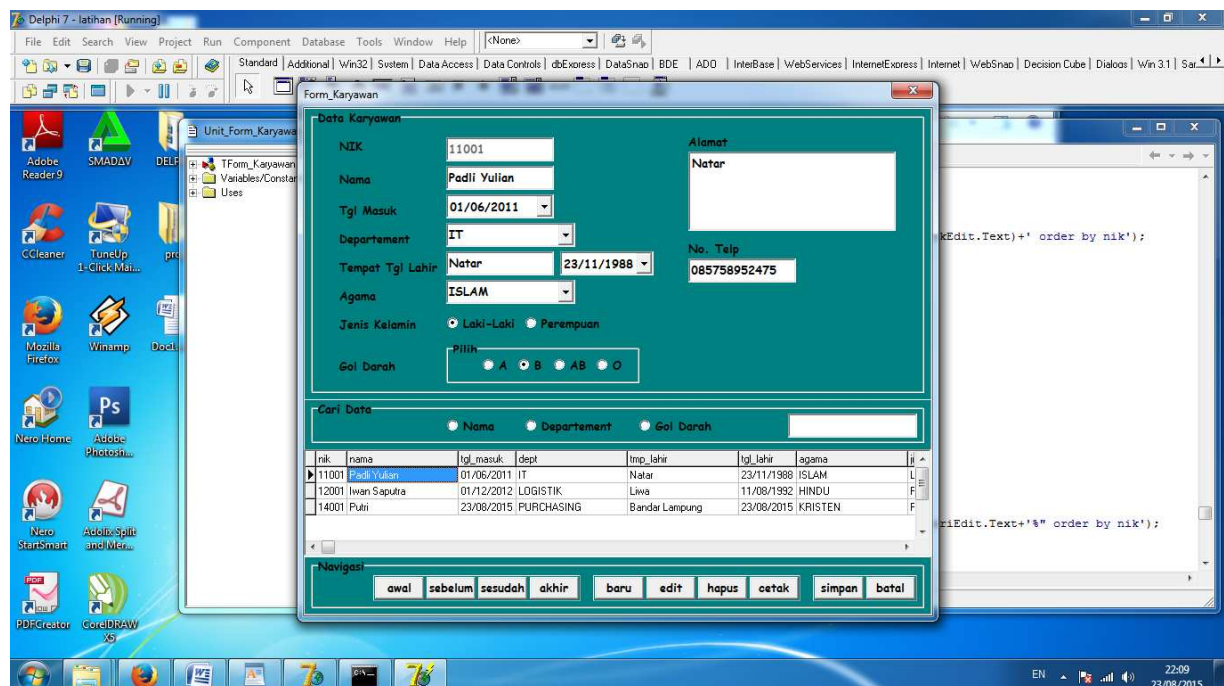
31. set cariEdit->event->onChange.



32. set (namaRadioButton,deptRadioButton,golRadioButton)->event->onClick.



33. tes program.



Dok 23/08/2015 padliyulian@gmail.com