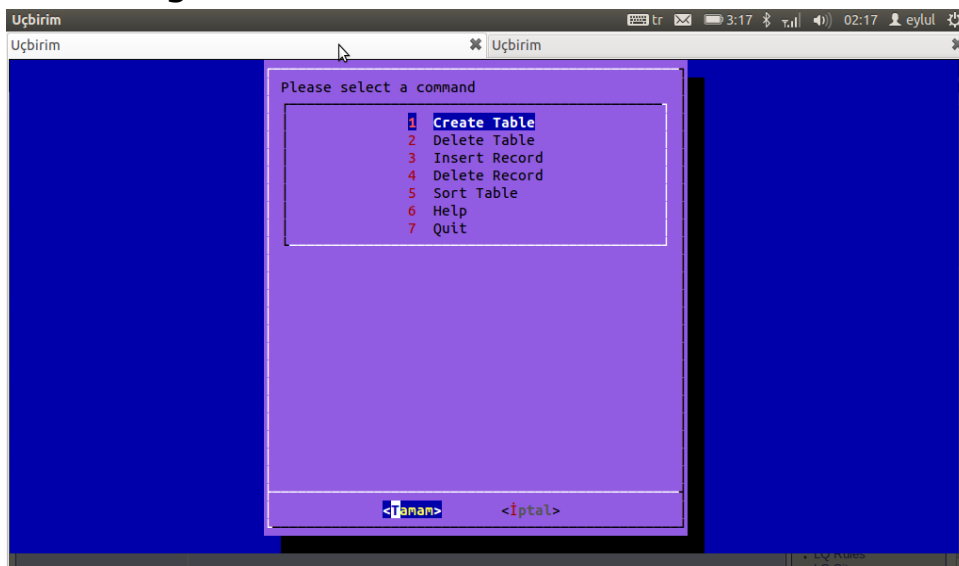


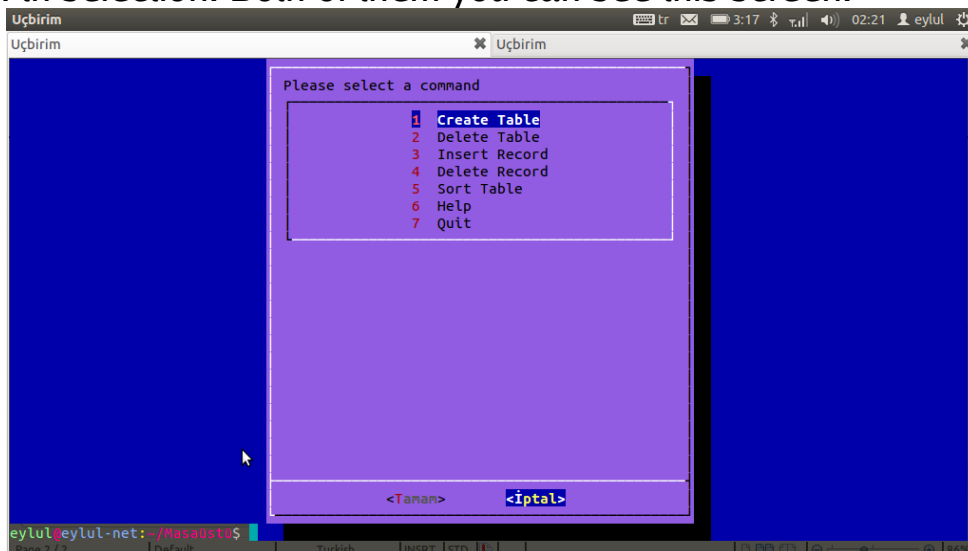
Lesson: UNIX System Administration
Subject: Writing UNIX Shell Scripts
Programming Language: Bourne Again Shell(bash)

In this homework, designing a database using bash programming language is wanted. Script should have a command line in order for user to type commands such as: create table, delete table, insert record, delete record, help and quit. These are firstly tried with basic 'echo' commands. But if interface should be, 'dialog' have must used. In this script weighted at dialog command. Because all the program ,i prefer use the interface. When we start the program with './veritabani.sh' or 'bash veritabani.sh' commands on command line. Menu screen is shown. Becuse firstly 'menu' function is working.

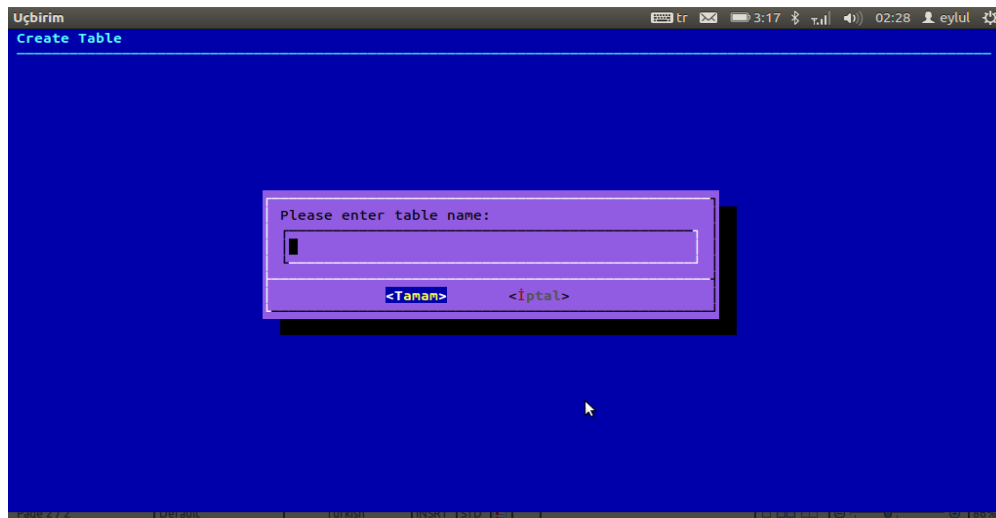


Menu function show this output. You must select one of these selections. You can move up or down. Then when you want to chose one of them you must press enter.

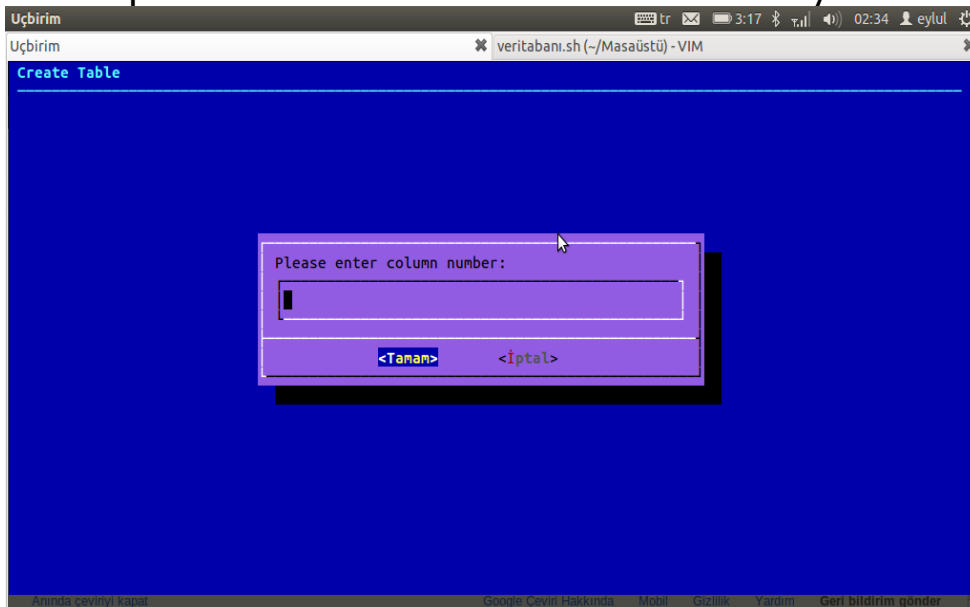
0. If you want to escape this menu you can press right button or you can choose 7th selection. Both of them you can see this screen.



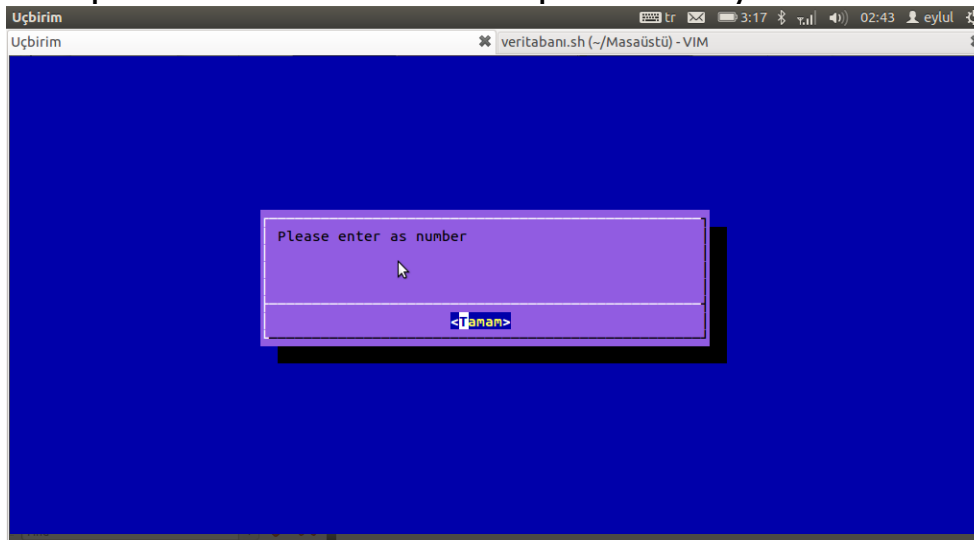
1. If you choose 1st selection that named "Create Table";
 - 1.1. An inputbox want to take a table name from you. Write here a table name. Press enter. Again if you press 'iptal' you are directed to menu.



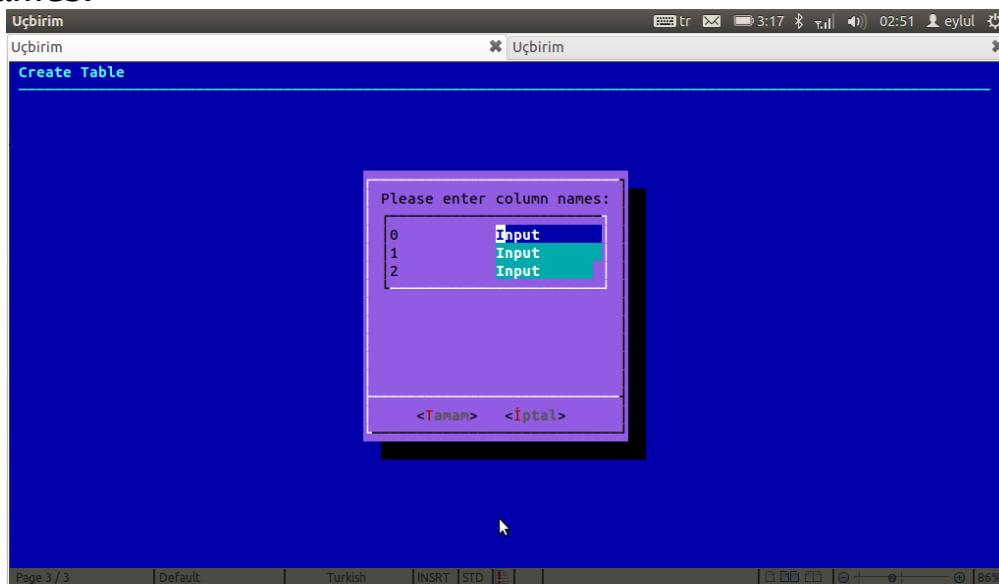
- 1.2. An inputbox want to take column number from you.



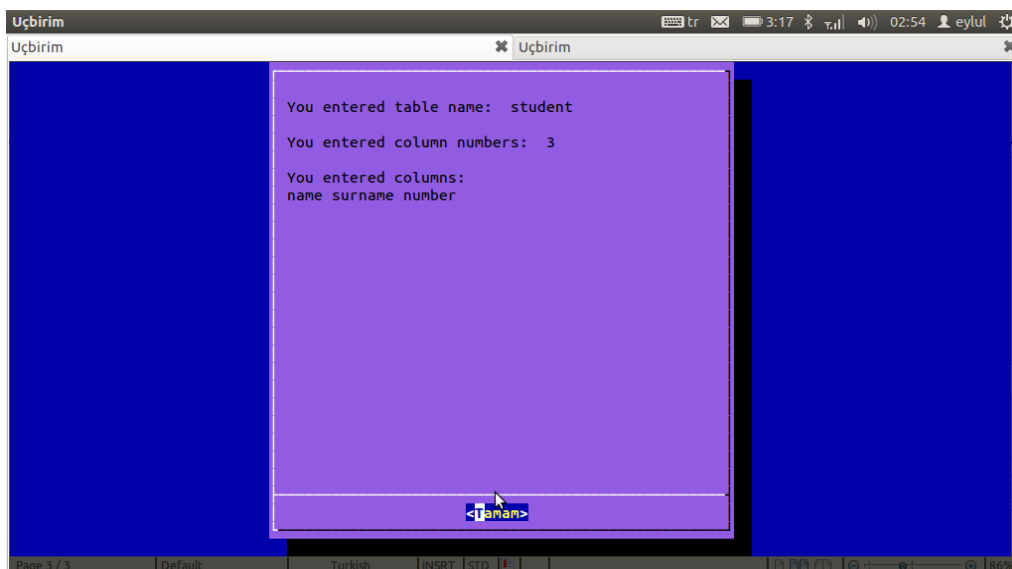
Your input must be a numerical expression or you can have an error.



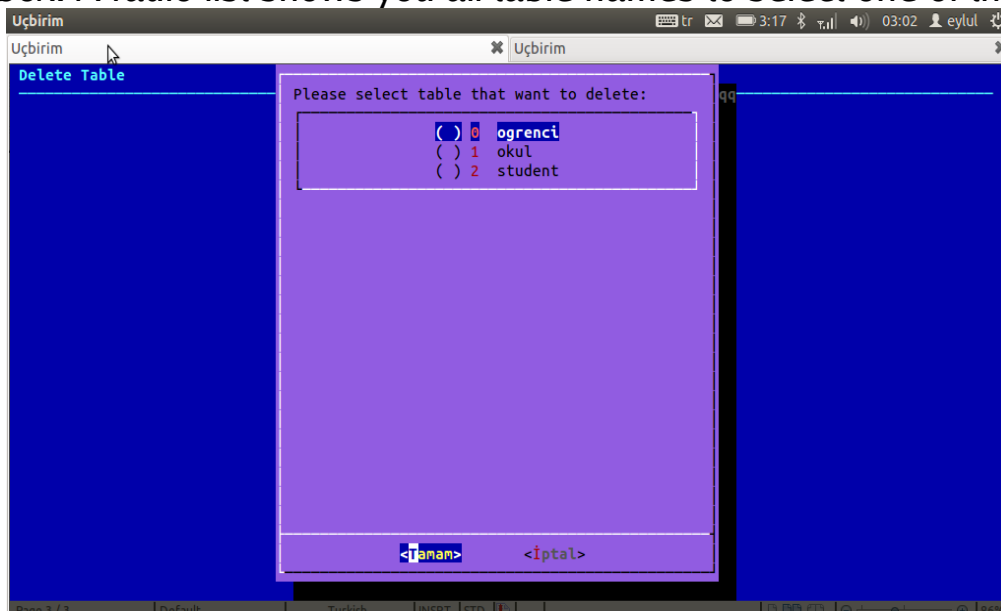
1.3 After you give the column numbers, you must write your column fields' names.



1.4. All inputs are ready. A message box shows your inputs and when you press enter you are directed to menu.



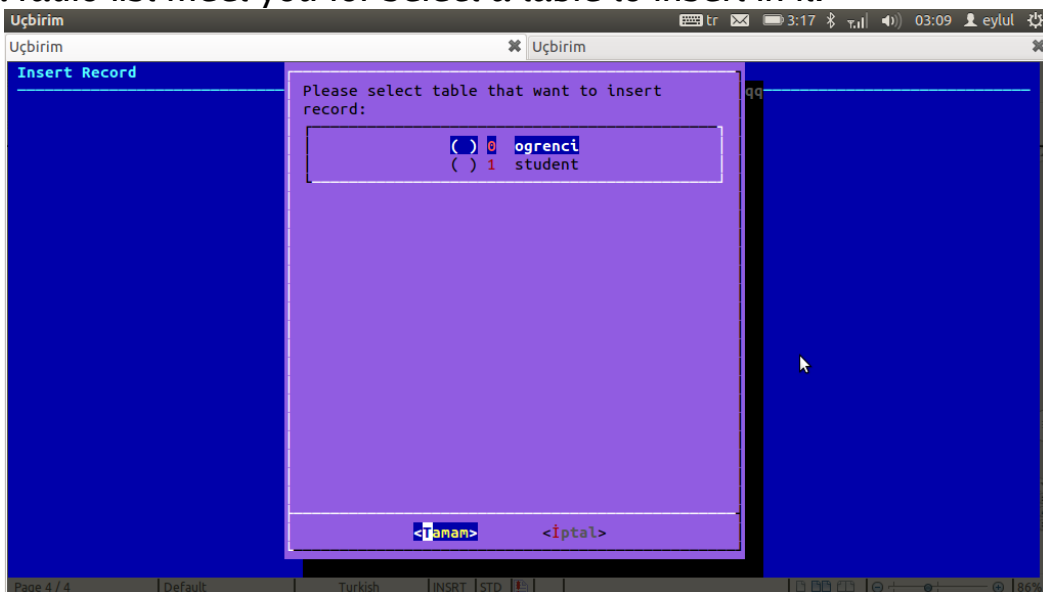
2. When you selected the 2nd selection that named Delete Table in menu box. A radio list shows you all table names to select one of them.



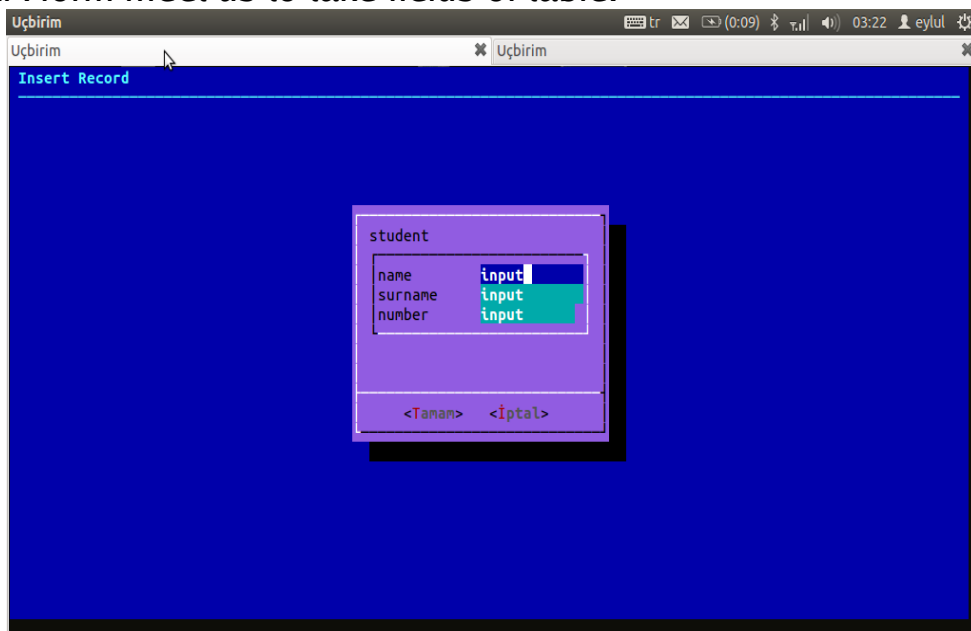
2.1.You selected one of them with space bar then press enter. A messagebox is shown for 'are you sure?' If you press 'evet' button your table will delete ,if you choose the other one your table won't delete and you are directed to menu.



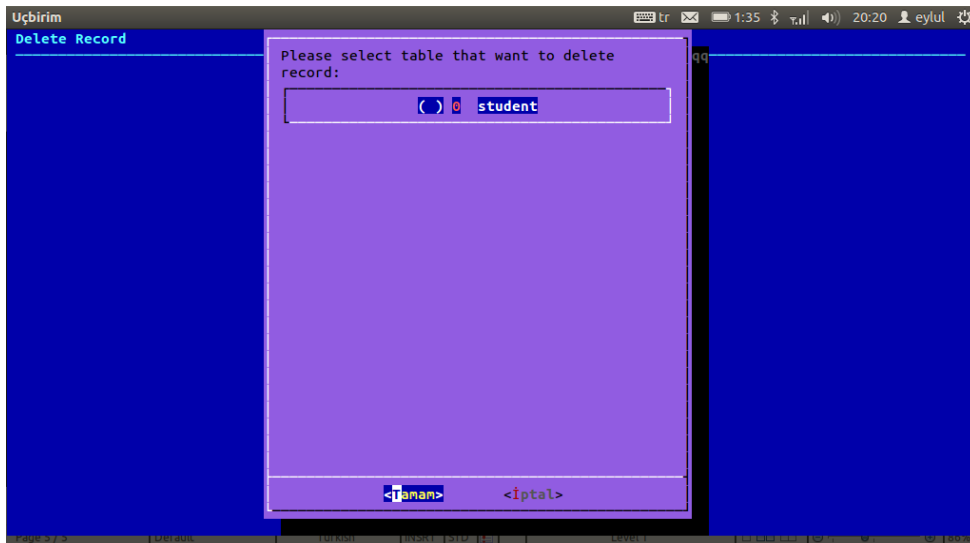
3.If you choose the 3rd selection that named Insert Record in menu box, again a radio list meet you for select a table to insert in it.



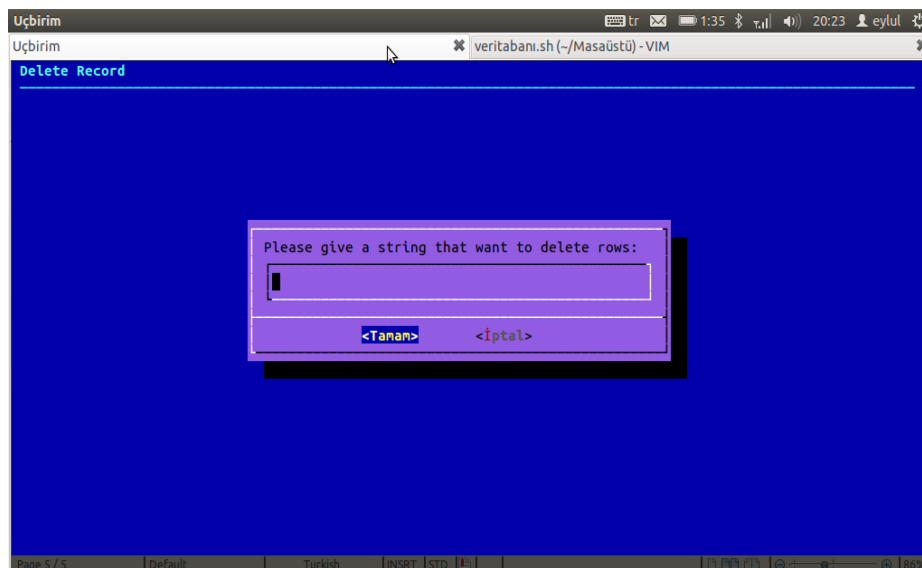
3.1.A form meet us to take fields of table.



4. If you select the 4th one that named Delete Record from menu box, shown a radiolist to select a table to delete record in it.



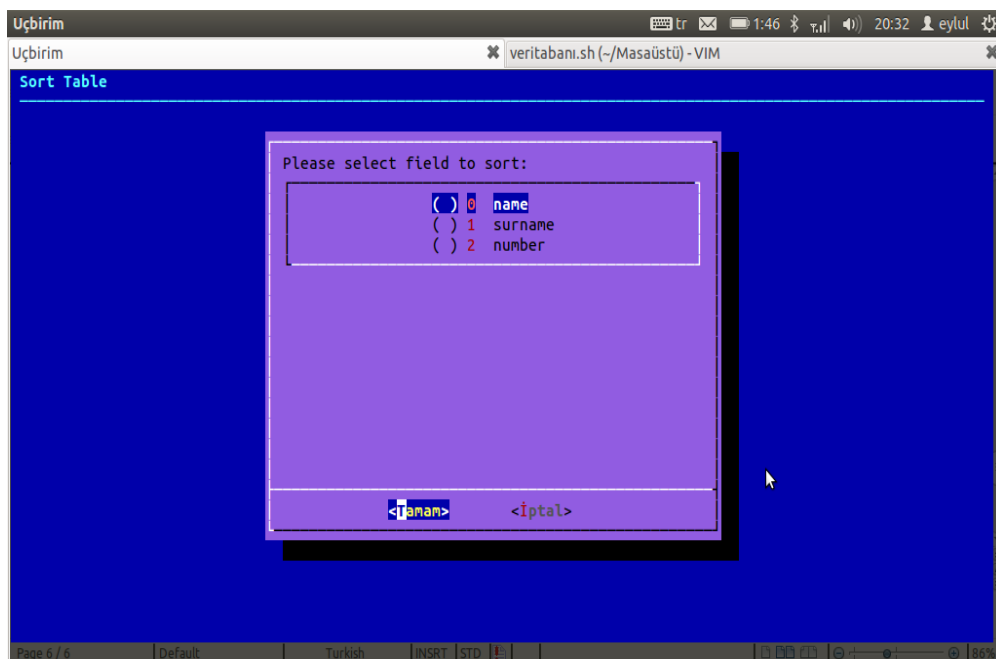
4.1. When you select a table an input box shown to take you a string. You should write here a string. And program will delete row that including this string.



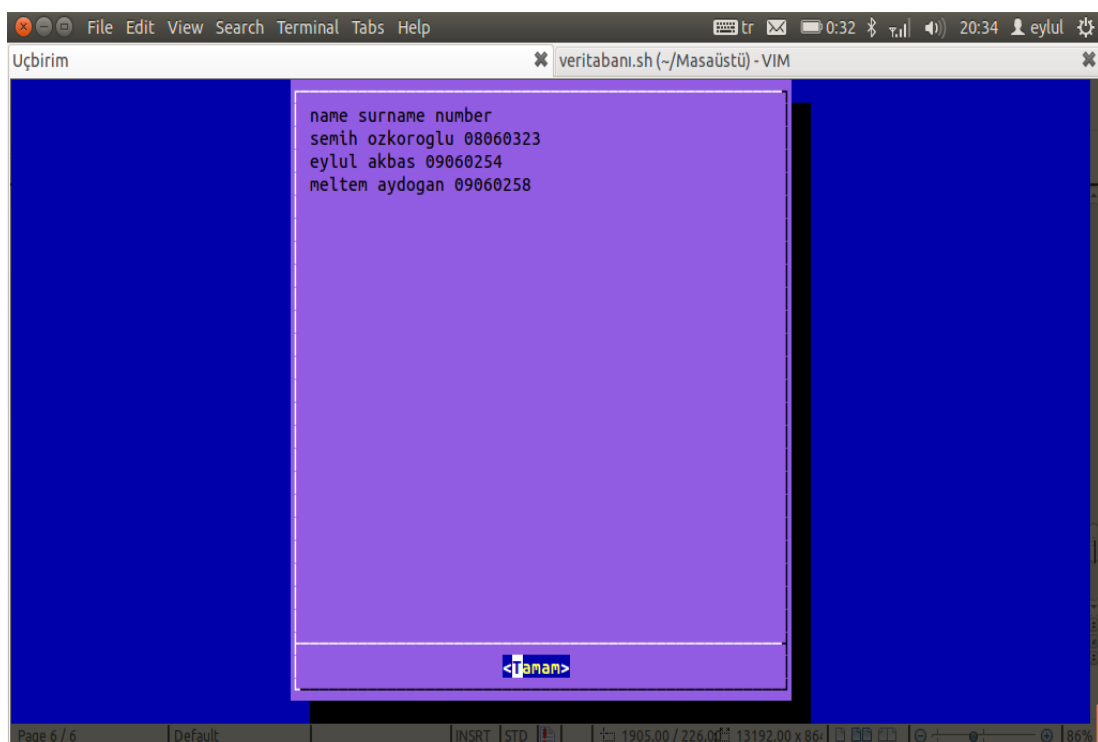
5. In menu box the 5th selection that named Sort table will sort your contents according to given column. But firstly you must select a table again.



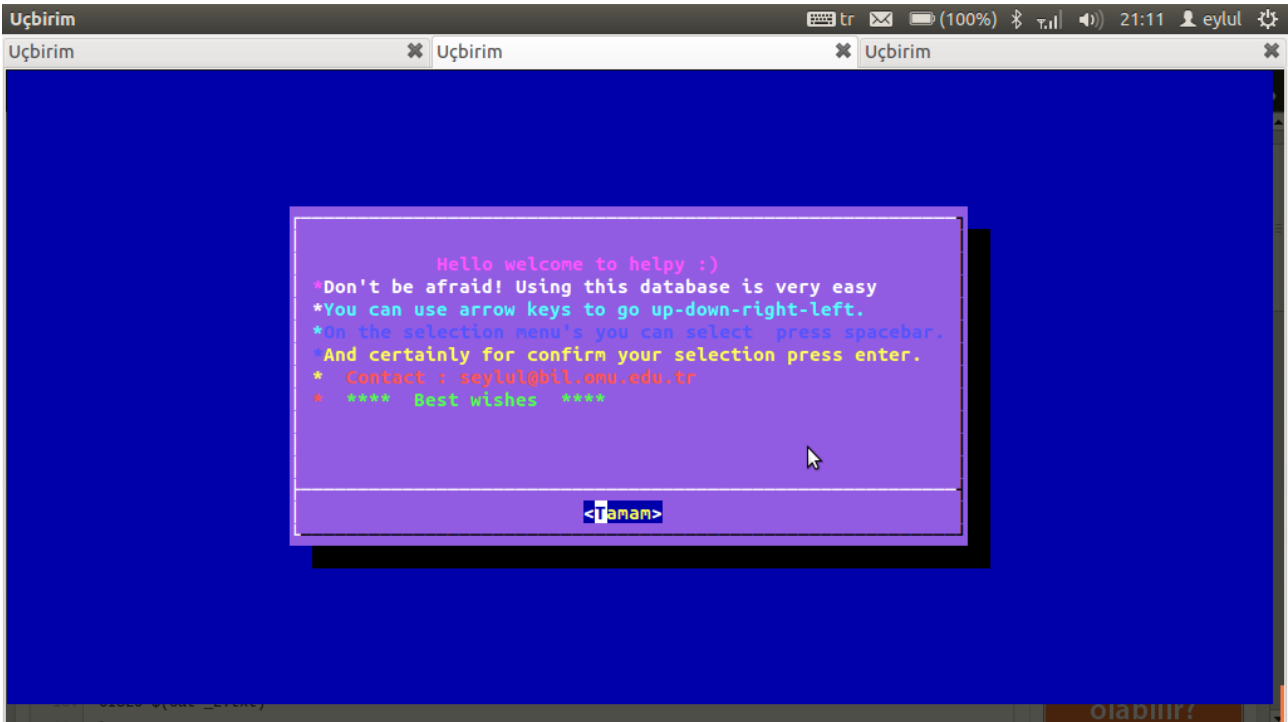
5.1. In this step you should select a field's name. Program will sort the contents according to selected row.



5.2 When you press 'tamam' sorting table is shown to you.



6. And the 6th selection that named Help for you. If you don't know how to use this program you should read here.



In this screenshots prepared on Lg netbook that having ubuntu 11.10 version. And system is used in Turkish language so confirm buttons as 'Tamam' equal to 'ok' and 'İptal' button equal to 'Cancel'. This is about the system not related with the program.