(1) Linux Operating System -> Fedora Core 4 (Kernel version: 2.6.14-1.1656_FC4)

(2) Check for C/C++ Compilers -> GNU gcc version 4.0.2 20051125 (Red Hat 4.0.2-8)

(3) Check for Perl -> perl v5.8.6 Program for Extraction & Reporting Language

(4) Check for PHP -> PHP 5.0.4 Pre-Hypertext Processor Language

(5) Check for Postgresql database -> PostgreSQL 8.0.6

(6) Check for KDevelop: C/C++ -> KDevelop 3.3 (Using KDE 3.5.0-0.2.fc4 Red Hat)
(1) Check Linux Operating System –> Fedora Core 4 (Kernel version: 2.6.14-1.1656_FC4)

(2) Check for C/C++ Compilers -> GNU gcc version 4.0.2 20051125 (Red Hat 4.0.2-8)

(3) Check for Perl -> perl v5.8.6

(4) Check for PHP -> PHP 5.0.4
(5) Check for Postgresql database -> PostgreSQL 8.0.6

[root@wruslan-wireless ~]# service postgresql start
Starting postgresql service: [ OK ]
[root@wruslan-wireless ~]# ps -ef | grep postgresql
root  3272  3102  0 16:55 pts/1    00:00:00 grep postgresql
[root@wruslan-wireless ~]# ps -ef | grep post
postgres  2327     1  0 16:29 ?        00:00:00 /usr/bin/postmaster -p 5432 -D /var/lib/pgsql/data
postgres  2339  2327  0 16:29 ?        00:00:00 postgres: logger process
postgres  2341  2327  0 16:29 ?        00:00:00 postgres: writer process
postgres  2342  2327  0 16:29 ?        00:00:00 postgres: stats buffer process
postgres  2343  2342  0 16:29 ?        00:00:00 postgres: stats collector process
root      3342  3102  0 16:56 pts/1    00:00:00 grep post
[root@wruslan-wireless ~]#

[root@wruslan-wireless ~]# useradd tcs2411
[root@wruslan-wireless ~]# passwd tcs2411
Changing password for user tcs2411.
New UNIX password:tcs2411
Retype new UNIX password:tcs2411
passwd: all authentication tokens updated successfully.
[root@wruslan-wireless ~]#

[root@wruslan-wireless ~]# su postgres
bash-3.00$ createuser tcs2411
could not change directory to "/root"
Shall the new user be allowed to create databases? (y/n) y
Shall the new user be allowed to create more new users? (y/n) y
CREATE USER
bash-3.00$ su tcs2411
Password:tcs2411
[tcs2411@wruslan-wireless root]$ psql -p 5432 -U tcs2411 -d template1
could not change directory to "/root"
Welcome to psql 8.0.6, the PostgreSQL interactive terminal.

Type: \copyright for distribution terms
\h for help with SQL commands
\? for help with psql commands
\g or terminate with semicolon to execute query
\q to quit

template1=# create database db_tcs2411;
CREATE DATABASE

template1=#

template1=# \c db_tcs2411
You are now connected to database "db_tcs2411".
db_tcs2411=#
   List of databases
       Name    |  Owner   | Encoding
                  +----------+----------+
   db_tcs2411 | tcs2411  | UNICODE
   template0  | postgres | UNICODE
   template1  | postgres | UNICODE
(3 rows)
db_tcs2411=#

db_tcs2411=# create table students (  
  db_tcs2411(#   nokp8           varchar(8) null,  
  db_tcs2411(#   nokp12          varchar(12) null,  
  db_tcs2411(#   mmu_id          varchar(10) not null,  
  db_tcs2411(#   name            varchar(60) not null,  
  db_tcs2411(#   gender           char(1),  
  db_tcs2411(#   date_changed    date,  
  db_tcs2411(#   time_changed    time with time zone  
  db_tcs2411(#    );  
CREATE TABLE  
  db_tcs2411=#
  db_tcs2411=# select * from students;
  db_tcs2411=# insert into students (mmu_id,name,gender,date_changed) values  
  ('1001042241','WRUSLAN','M','2006-01-21');
  INSERT 17233 1  
  db_tcs2411=# select * from students;
  db_tcs2411=# insert into students (mmu_id,name,gender,date_changed) values  
  ('1001042241','NUR AZZYATI','M','2006-01-21');
  INSERT 17234 1  
  db_tcs2411=# select * from students;
  db_tcs2411=# 
[tcs2411@wruslan-wireless root]$  
[tcs2411@wruslan-wireless root]$ su root  
Password:  
[root@wruslan-wireless ~]#  
[root@wruslan-wireless ~]# service postgresql stop  
Stopping postgresql service: [ OK ]  
[root@wruslan-wireless ~]#
(6) Check for KDevelop C/C++ application on Linux FC4

On Fedora Core 4 Desktop Menu -> Applications -> Programming -> KDevelop:C/C++

From Menu -> Help -> About KDevelop.