



List database, schemas and tables	
\?	show help
\h	SQL syntax help
\h create table	SQL help for create table
\l	list databases
\c mydb	connect to mydb database
\dn	list schemas from a database
\dt	list tables from public schema
\dt sgn.*	list tables from schema sgn
\d blast_db	show blast_db table details
\o file.txt	send output to file
\q	quit psql

SQL query commands
SELECT * FROM mytable;
SELECT mycolumn FROM mytable;
SELECT ... WHERE mycolumn='value1';
SELECT DISTINCT mycolumn FROM mytable;
SELECT COUNT(*) FROM mytable;
SELECT ... ORDER BY mycolumn;
SELECT ... WHERE mycolumn IN (1,2);
SELECT ... WHERE mycolumn LIKE '%Abc%';
SELECT ... WHERE mycolumn ILIKE '%abc%';
SELECT ... WHERE mycolumn IS NULL;
SELECT ... LIMIT 10;
SELECT ... OFFSET 10;

SELECT ... JOIN mytable USING(common_column);

SELECT ... JOIN mytable ON(common_column1=common_column2);

SQL development commands	
CREATE DATABASE mydb;	
ALTER DATABASE mydb RENAME TO newname;	
DROP DATABASE mydb;	
CREATE TABLE mytable (col_name type constraints);	
ALTER TABLE mytable RENAME TO newname;	
DROP TABLE mytable CASCADE;	
ALTER TABLE mytable ADD COLUMN column_name column_type;	
ALTER TABLE mytable RENAME COLUMN column_name TO newname;	
ALTER TABLE mytable DROP COLUMN column_name RESTRICT;	
INSERT INTO mytable (column1,column2) VALUES ('value1','value2');	
UPDATE mytable SET column1='value1' WHERE column=value;	
DELETE FROM mytable WHERE column='value';	
BEGIN; command; COMMIT;	BEGIN; command; ROLLBACK;