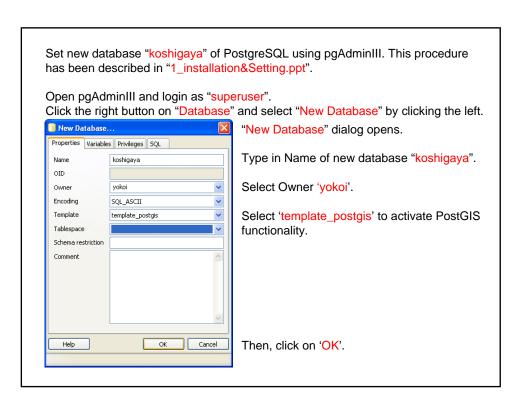
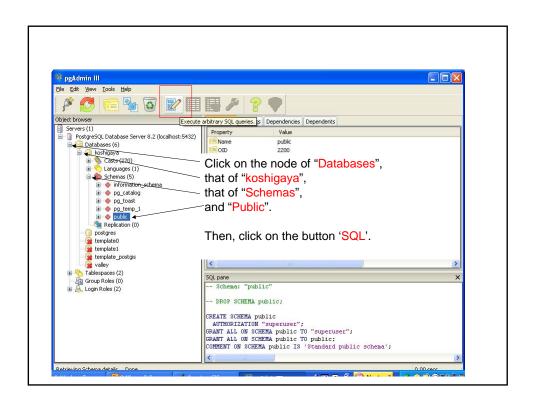
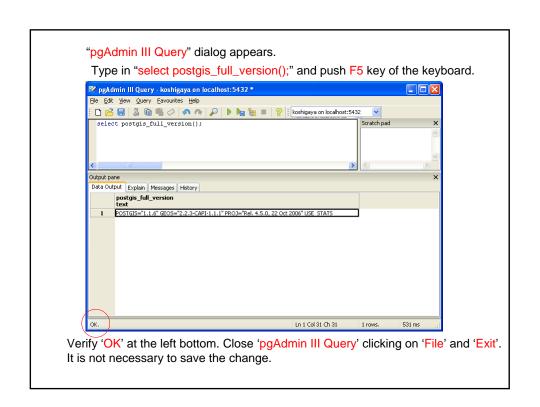
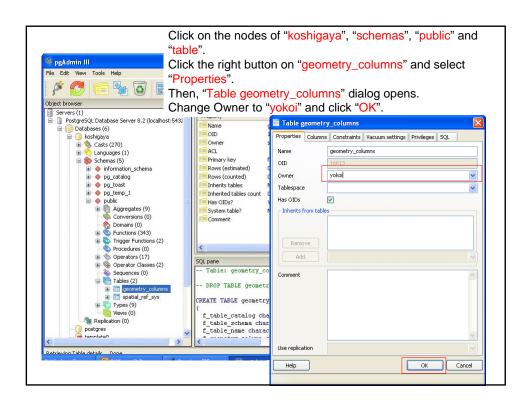
## 6 Attribute actions to vector layer

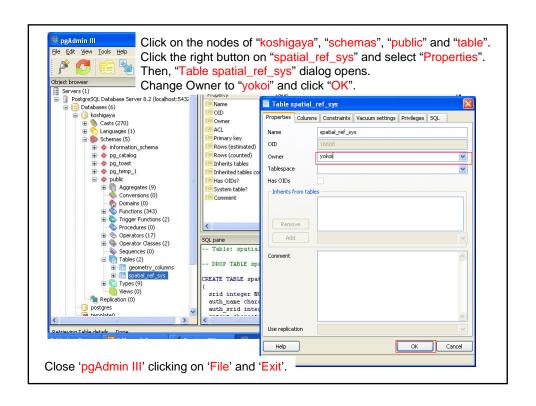
QGIS can perform an action based on the attributes of a feature. The actions, for example, running a program with arguments built from the attributes or passing parameters to a web reporting software.











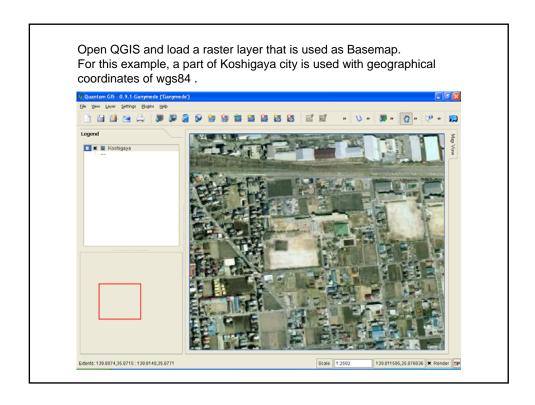
Add new table "obspoints" in the new database "koshigaya". This procedure has been described in "2\_creating\_vecor\_layer.ppt". Copy the sql batch file "D:/batch\_sql/mkpoint.sql" to "C:/TEMP/mkkoshigaya.sql". Edit "C:/TEMP/mkkoshigaya.sql" using WordPad as shown below. CREATE TABLE obspoints (id1 integer NOT NULL, CONSTRAINT obspoints\_pkey PRIMARY KEY (id1)) WITHOUT OIDS; ALTER TABLE obspoints OWNER TO yokoi; select AddGeometryColumn('obspoints', 'the\_geom', 4326, 'POINT', 2); where the changed parts are shown blue, "4326" denotes latitude and longitude in Execute the sql batch file "C:/TEMP/mkkoshigaya.sql" using "¥i" command. ¥i C:/TEMP/koshigaya/mkkoshigaya.sql 🔍 Command Prompt - psql koshigaya -U yokoi \_ 🗆 × tive code page: 1252 Files\Postgre\$QL\8.2\bin>psq1 koshigaya -U yokoi nr user yokoi: psq1 8.2.6, the Postgre\$QL interactive terminal. Copyright for distribution terms

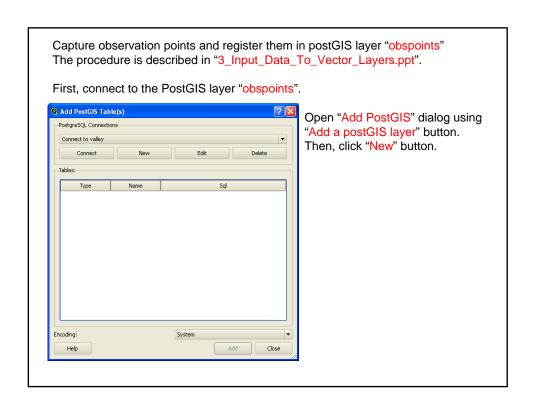
A for help with SQL commands

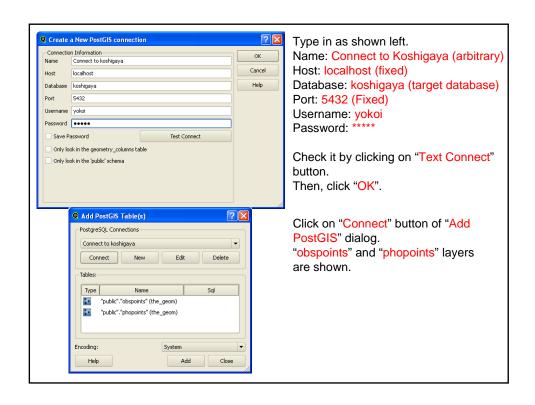
Y for help with psql commands

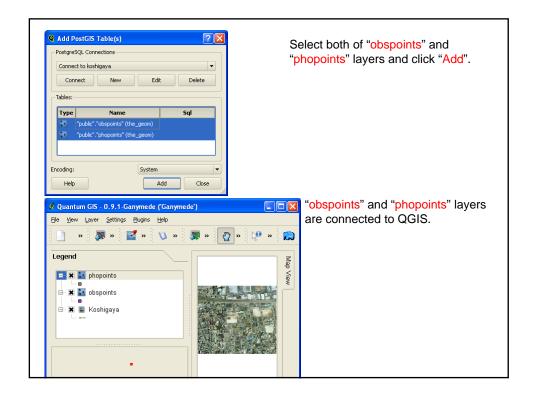
Sq or terminate with semicolon to ex ya=> \i C:/TEMP/koshigaya/nkkoshigaya.sql TEMP/koshigaya/nkkoshigaya.sql:1: NOTICE: CREATE TABLE / PRIMARY KEY w BELE "Obspoints\_pkey" for table "Obspoints" BBLE BLE addgeometrycolumn ublic.obspoints.the\_geom SRID:4326 TYPE:POINT DIMS:2

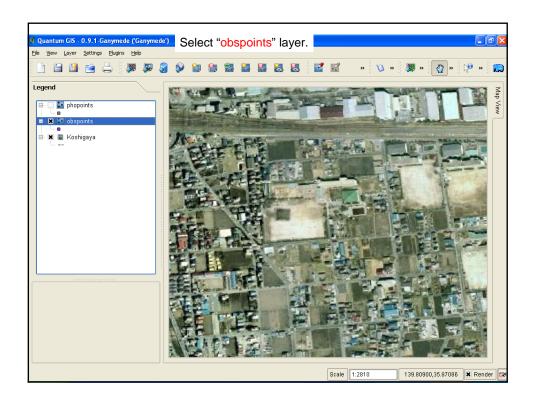
Add new table "phopoints" in the database "koshigaya". Edit "C:/TEMP/mkkoshigaya.sql" using WordPad as shown below. CREATE TABLE phopoints (id1 integer NOT NULL, CONSTRAINT phopoints\_pkey PRIMARY KEY (id1)) WITHOUT OIDS; ALTER TABLE phopoints OWNER TO yokoi; select AddGeometryColumn('phopoints', 'the\_geom', 4326, 'POINT', 2); where the changed parts are shown blue, "4326" denotes latitude and longitude in wgs84. Execute the sql batch file "C:/TEMP/mkkoshigaya.sql" using "¥i" command. ¥i C:/TEMP/koshigaya/mkkoshigaya.sql and Prompt - psql koshigaya -U yokoi igaya=> \i C:/TEMP/koshigaya/nkkoshigaya.sql C:/TEMP/koshigaya/nkkoshigaya.sql:1: NOTICE: CREATE TABLE / PRIMARY KEY eate implicit index "phopoints\_pkey" for table "phopoints" F TABLE I TABLE addgeometrycolumn public.phopoints.the\_geom SRID:4326 TYPE:POINT DIMS:2 Confirm the creation of column "obspoints" and "phopoints". Then, "¥q" and "exit".

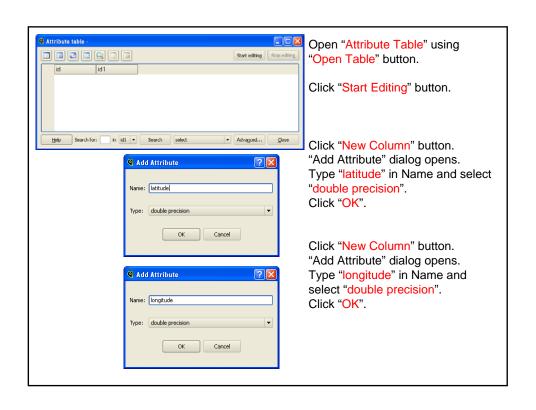


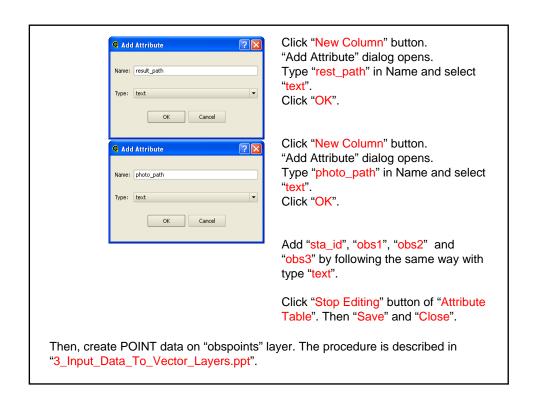


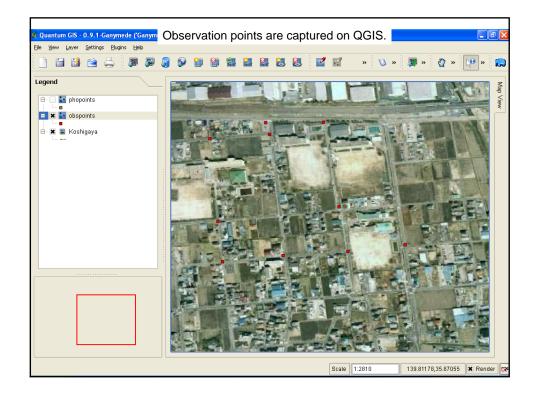


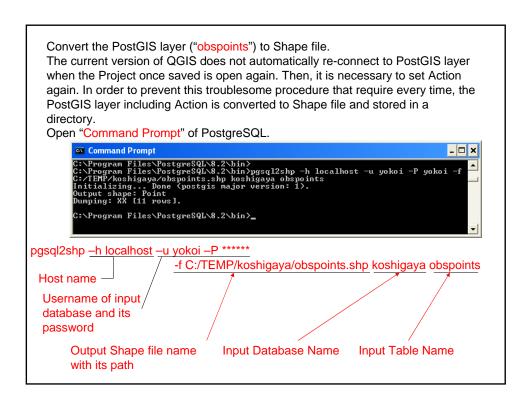


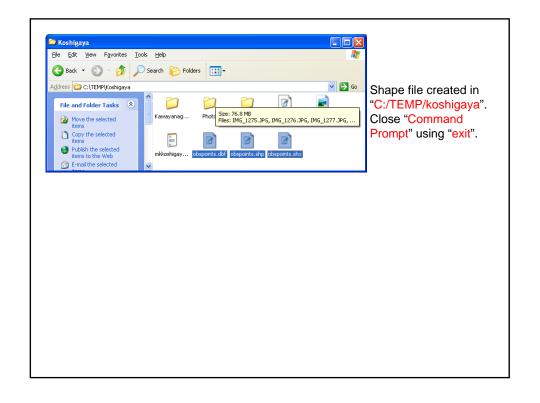


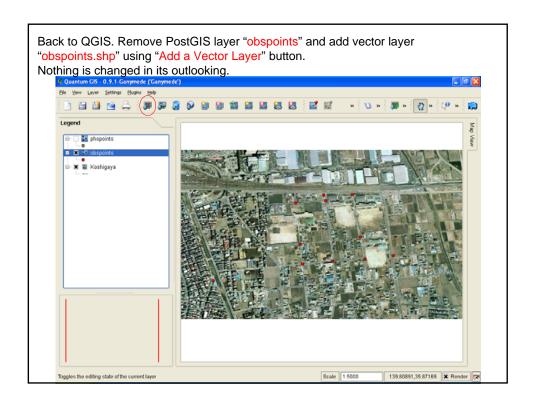


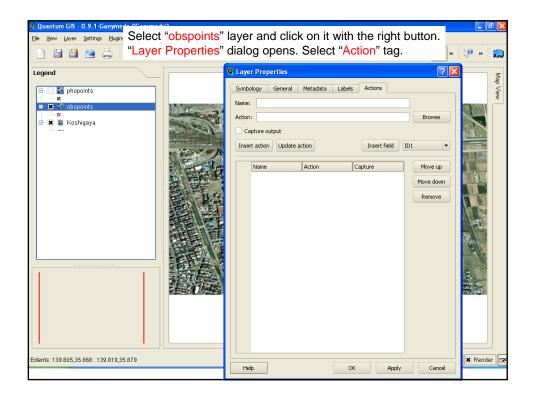


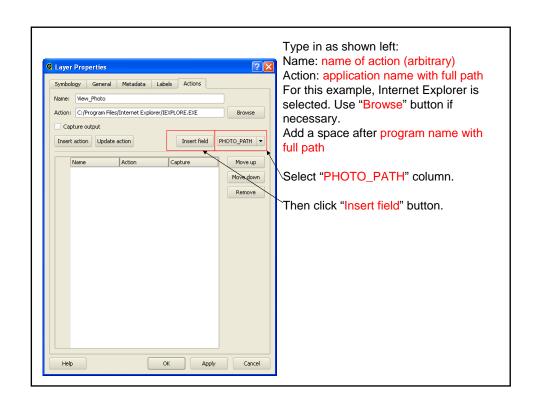


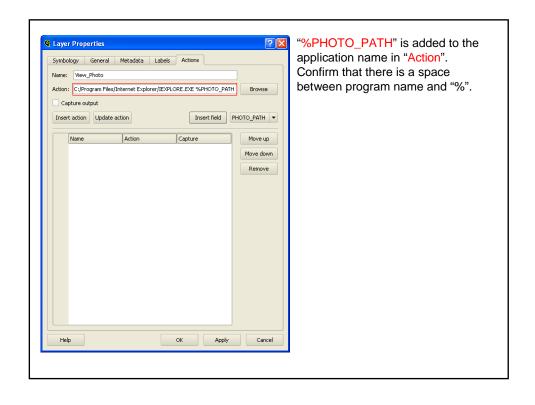


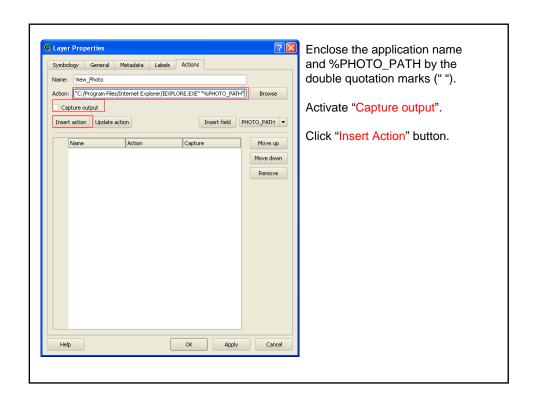


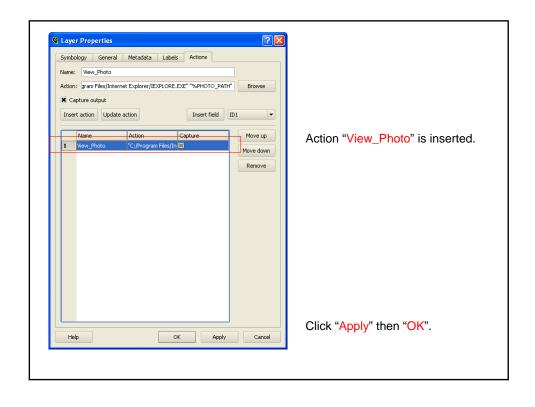








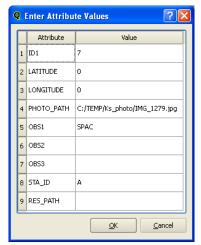




Next step is to input the name of photograph files with full path to table of vector layer "obspoints". There are two ways.

## One way:

Click "Toggle Editing" button and "Identify feature" button. Then, click on a mark of vector layer "obspoints".

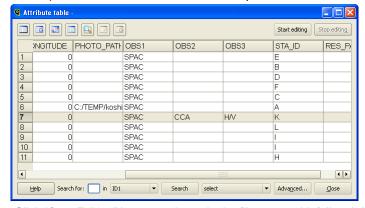


"Enter Attribute Values" dialog opens. Type in the file name with full path. Then click "OK".

After inputting all the file names, click "Toggle Editing" button. Then click "Save" to save the edited information in the shape file "obspoints.shp".



Click "Open Table" button. "Attribute Table" opens.



Click "Start Editing" button and type in the file name with full path in the target cells. After inputting all the data, click "Stop editing" button and "Save" and "Close".

