

2.

raster2pgsql.exe -s 3763 -N -32767 -t 100x100 -l -C -M -d

D:/Semestr_7/BazyDanychPrzestrzennych/lab7/ras250_gb/ras250_gb/data/*.tif uk_250k | psql -d lab7 -h localhost -U postgres -p 5432

```
INSERT 0 1
INSERT 0 1
INSERT 0 1
CREATE INDEX
ANALYZE
NOTICE: Adding SRID constraint
NOTICE: Adding scale-X constraint
NOTICE: Adding scale-Y constraint
NOTICE: Adding blocksize-X constraint
NOTICE: Adding blocksize-Y constraint
NOTICE: Adding alignment constraint
NOTICE: Adding number of bands constraint
NOTICE: Adding pixel type constraint
NOTICE: Adding nodata value constraint
NOTICE: Adding out-of-database constraint
NOTICE: Adding maximum extent constraint
  addrasterconstraints
-----
 t
(1 row)

COMMIT
VACUUM

C:\Program Files\PostgreSQL\15\bin>
```

3.

The screenshot displays the pgAdmin 4 web interface. The top navigation bar includes 'File', 'Object', 'Tools', and 'Help'. The main toolbar contains icons for various database actions. The left sidebar shows a tree of servers and databases. Under 'PostgreSQL 15', the 'Databases (6)' folder is expanded, and 'lab7' is selected. The 'lab7' database is further expanded, showing various objects like 'Casts', 'Catalogs', 'Event Triggers', 'Extensions (3)', 'Foreign Data Wrappers', 'Languages', 'Publications', 'Schemas (1)', 'public' schema, 'Aggregates', 'Collations', 'Domains', 'FTS Configurations', 'FTS Dictionaries', 'FTS Parsers', 'FTS Templates', 'Foreign Tables', 'Functions', 'Materialized Views', 'Operators', 'Procedures', 'Sequences', 'Tables (2)', 'spatial_ref_sys', 'uk_250k', 'Trigger Functions', 'Types', 'Views', 'Subscriptions', 'postgres', 'Login/Group Roles', and 'Tablespaces'. The main pane shows a SQL query editor with the following query:

```
1 SELECT ST_AsGDALRaster(ST_Union(rast), 'GTiff')
2 FROM uk_250k
```

The bottom pane shows the 'Data Output' tab, which displays a message: 'No data output. Execute a query to get output.' and 'Waiting for the query to complete...'.

Kręci się tak już prawie godzinę. Niestety za późno wziąłem się za robienie tego zadania. Dokończę wieczorem :(