```
DROP TABLE IF EXISTS student:
CREATE TABLE student
  id serial PRIMARY KEY,
  first_name character varying,
  last_name character varying,
  email character varying,
  gender character varying,
  work_phone character varying,
  book preference hardcopy boolean
);
 Query Query History
                                                                            Scratch Pad X
  1 DROP TABLE IF EXISTS student;
  2 CREATE TABLE student
  3 (
        id serial PRIMARY KEY,
  4
  5
        first_name character varying,
       last_name character varying,
       email character varying,
  7
       gender character varying,
  8
  9
       work_phone character varying,
 10
       book_preference_hardcopy boolean
 11 );
 12
 13 copy student(first_name,last_name,email,gender,work_phone,book_preference_h
 14 -- set the path for file location of student data.csv
 Data output Messages Notifications
 CREATE TABLE
 Query returned successfully in 162 msec.
```

copy student(first_name,last_name,email,gender,work_phone,book_preference_hardcopy)
--set the path for file location of student_data.csv
from '/Applications/PostgreSQL 14/student_data.csv'
delimiter ',' CSV header;

```
Query Query History
                                                                                 Scratch Pad X
         email character varying,
  8
         gender character varying,
  9
         work_phone character varying,
 10
         book_preference_hardcopy boolean
 11 );
 12
     copy student(first_name,last_name,email,gender,work_phone,book_preference_h
 13
     --set the path for file location of student_data.csv
 14
 15
     from '/Applications/PostgreSQL 14/student_data.csv'
 16
     delimiter ',' CSV header;
 17
 18
 19
 20
     DROP TABLE IF EXISTS student_marks;
 Data output Messages Notifications
 COPY 1000
 Query returned successfully in 88 msec.
DROP TABLE IF EXISTS student_marks;
CREATE TABLE student marks
  id serial PRIMARY KEY,
  student_reg_id integer,
  student_id integer,
        unit2 integer,
        unit3 integer,
        unit4 integer,
        unit5 integer
);
 Query Query History
                                                                                 Scratch Pad X
 20 DROP TABLE IF EXISTS student_marks;
 21 CREATE TABLE student_marks
 22 (
 23
         id serial PRIMARY KEY,
 24
       student_reg_id integer,
 2.5
        student_id integer,
 26
         unit2 integer,
 27
         unit3 integer,
 28
         unit4 integer,
 29
         unit5 integer
 30);
 31
 32 copy student_marks(student_reg_id,student_id,unit2,unit3,unit4,unit5)
 33 —set the path for file location of student marks.csv
                                                                                                          ∠
 Data output Messages Notifications
 CREATE TABLE
 Query returned successfully in 96 msec.
```

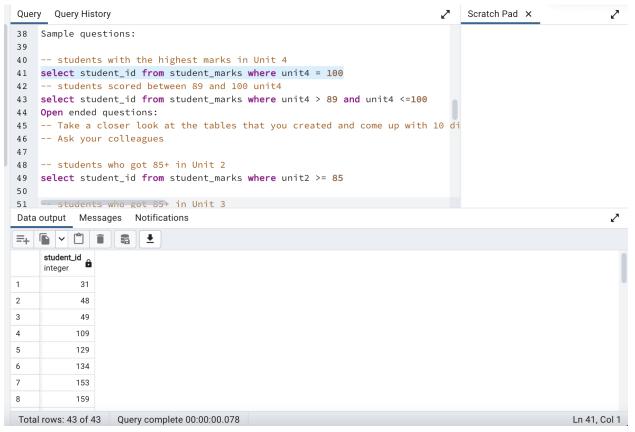
copy student_marks(student_reg_id,student_id,unit2,unit3,unit4,unit5)

--set the path for file location of student_marks.csv from '/Applications/PostgreSQL 14/student_marks.csv' delimiter ',' CSV header

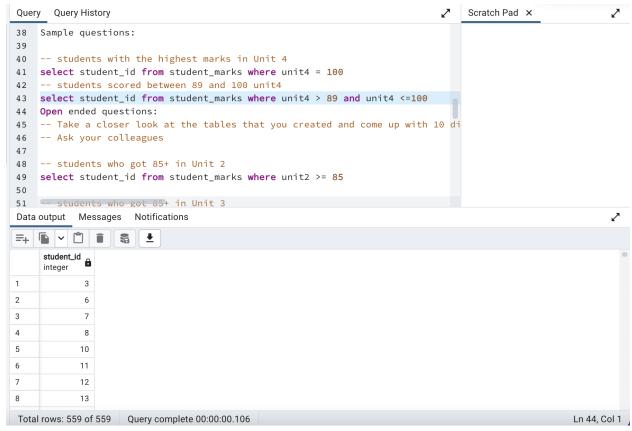


Sample questions:

-- students with the highest marks in Unit 4 select student_id from student_marks where unit4 = 100

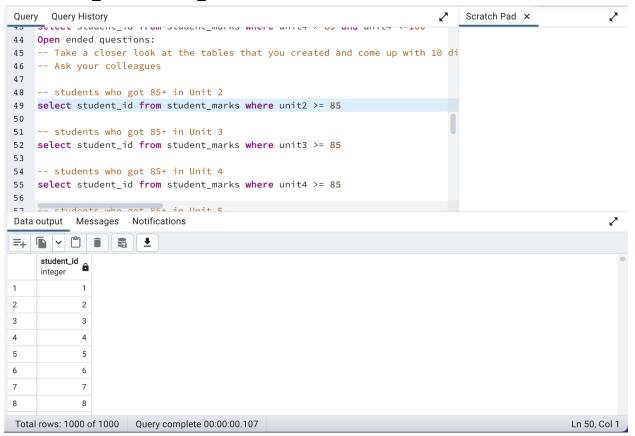


-- students scored between 89 and 100 unit4 select student_id from student_marks where unit4 > 89 and unit4 <=100

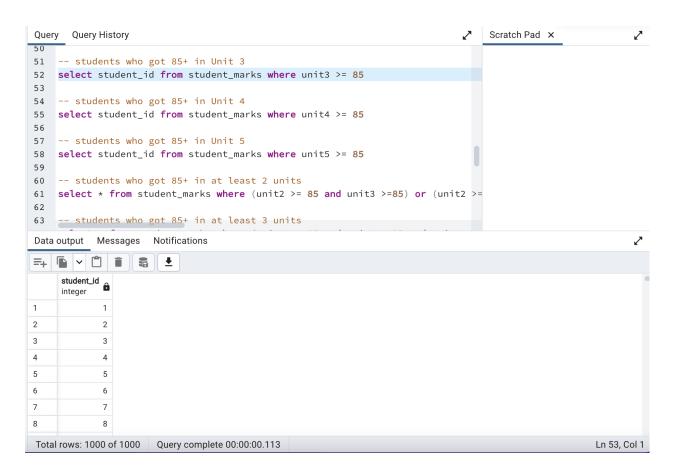


-- students who got 85+ in Unit 2

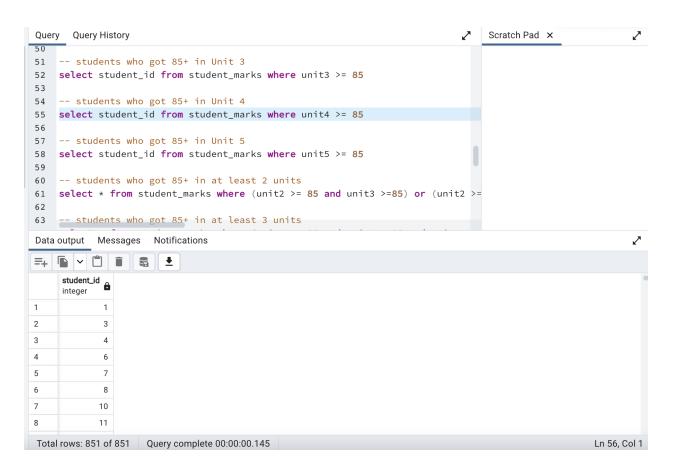
select student_id from student_marks where unit2 >= 85



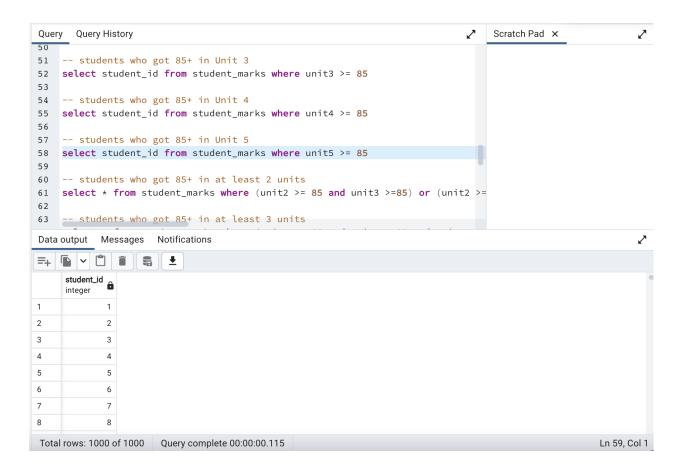
-- students who got 85+ in Unit 3 select student_id from student_marks where unit3 >= 85



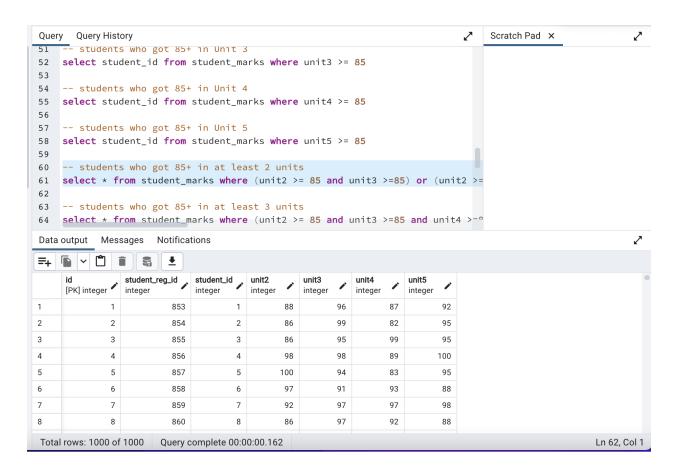
-- students who got 85+ in Unit 4 select student_id from student_marks where unit4 >= 85



-- students who got 85+ in Unit 5 select student_id from student_marks where unit5 >= 85

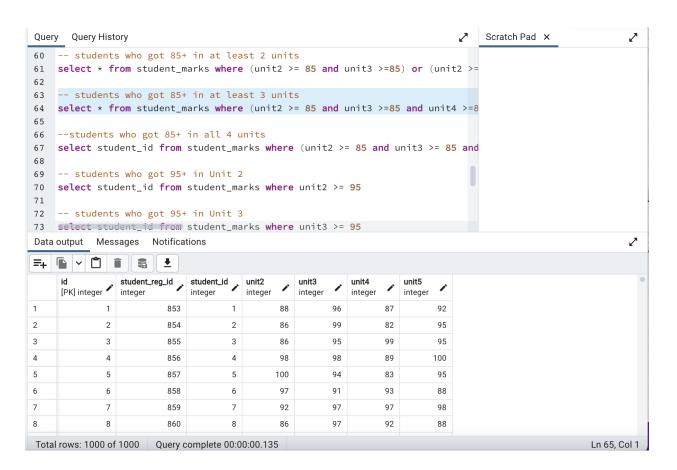


-- students who got 85+ in at least 2 units select * from student_marks where (unit2 >= 85 and unit3 >=85) or (unit2 >= 85 and unit5 >=85) or (unit2 >= 85 and unit5 >=85) or (unit4 >= 85 and unit5 >=85) or (unit4 >= 85 and unit5 >=85)

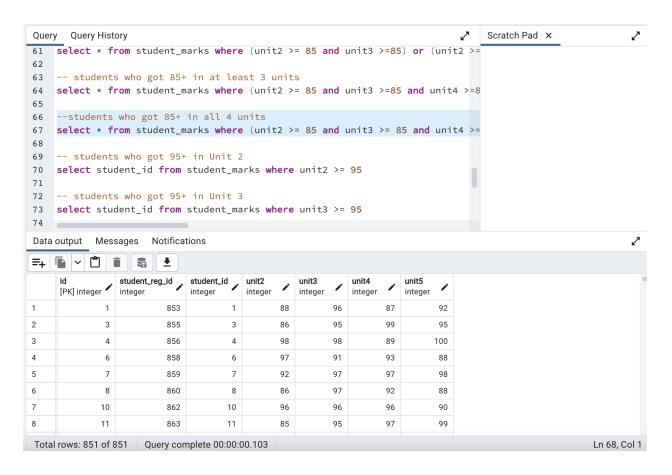


-- students who got 85+ in at least 3 units

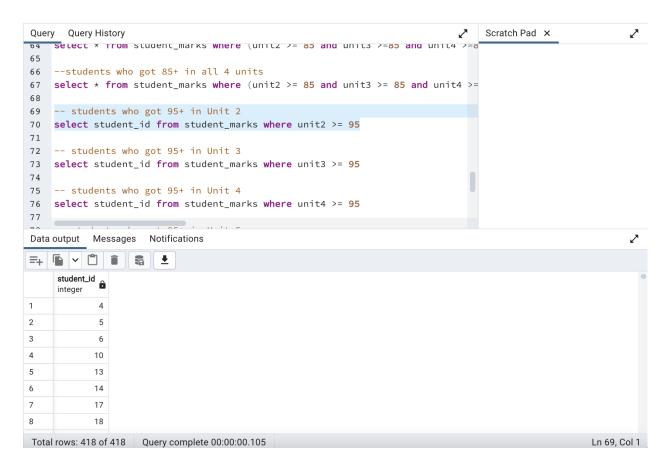
select * from student_marks where (unit2 >= 85 and unit3 >= 85 and unit4 >= 85) or (unit2 >= 85 and unit3 >= 85 and unit5 >= 85) or (unit2 >= 85 and unit4 >= 85 and unit5 >= 85) or (unit3 >= 85 and unit4 >= 85 and unit5 >= 85)



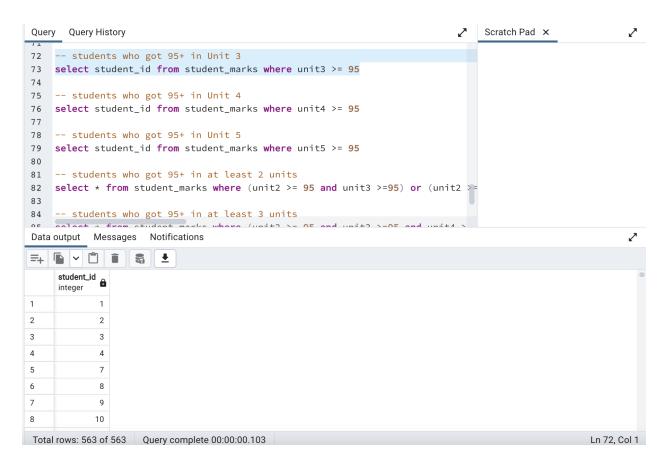
--students who got 85+ in all 4 units select * from student_marks where (unit2 >= 85 and unit3 >= 85 and unit4 >= 85 and unit5 >= 85)



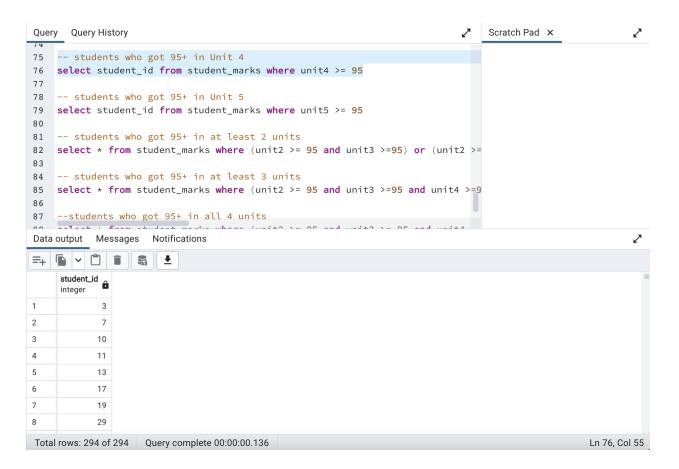
-- students who got 95+ in Unit 2 select student_id from student_marks where unit2 >= 95



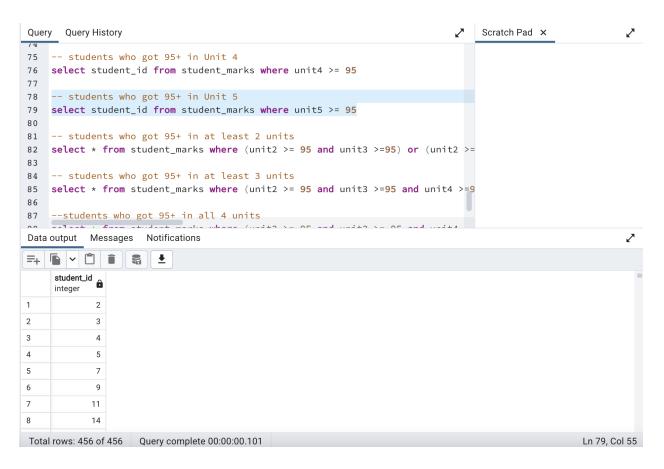
-- students who got 95+ in Unit 3 select student_id from student_marks where unit3 >= 95



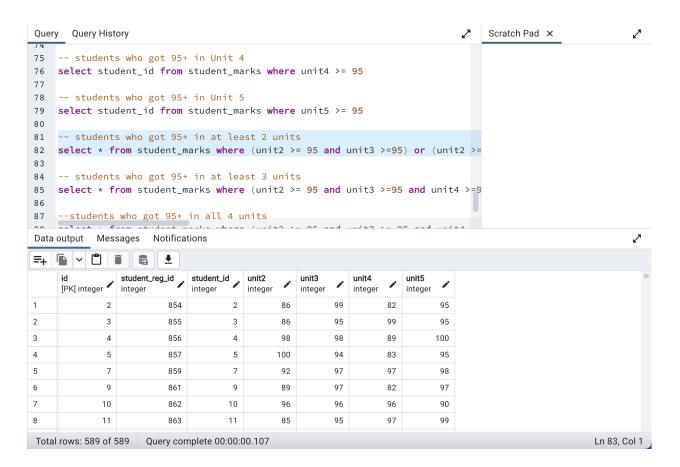
-- students who got 95+ in Unit 4 select student_id from student_marks where unit4 >= 95



-- students who got 95+ in Unit 5 select student_id from student_marks where unit5 >= 95

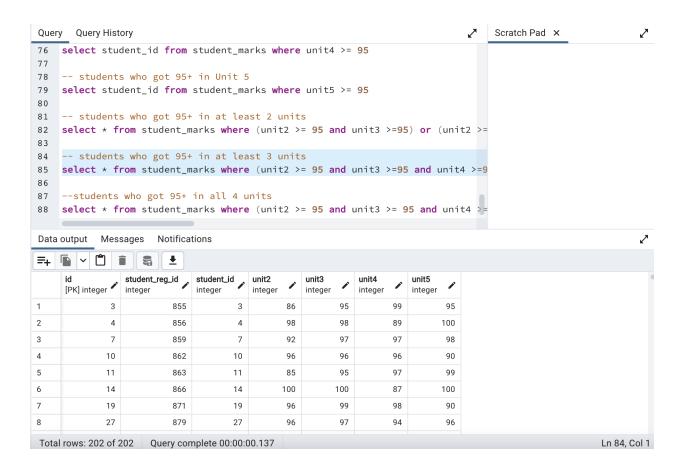


-- students who got 95+ in at least 2 units select * from student_marks where (unit2 >= 95 and unit3 >=95) or (unit2 >= 95 and unit5 >=95) or (unit2 >= 95 and unit5 >=95) or (unit4 >= 95 and unit5 >=95) or (unit4 >= 95 and unit5 >=95)



-- students who got 95+ in at least 3 units

select * from student_marks where (unit2 >= 95 and unit3 >=95 and unit4 >=95) or (unit2 >= 95 and unit3 >=95 and unit5 >=95) or (unit2 >= 95 and unit4 >= 95 and unit5 >=95) or (unit3 >= 95 and unit4 >= 95 and unit5 >=95)



--students who got 95+ in all 4 units select * from student_marks where (unit2 >= 95 and unit3 >= 95 and unit4 >= 95 and unit5 >= 95)

