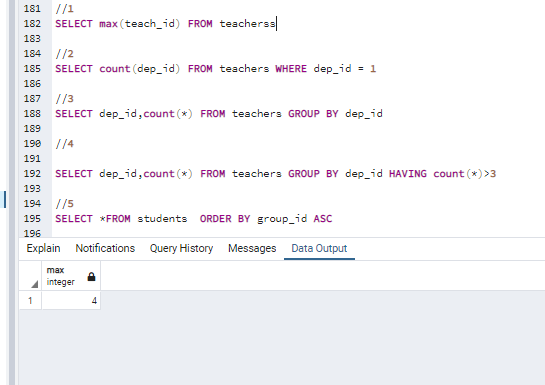
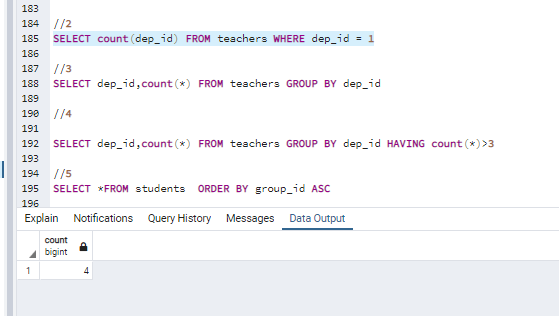
//1

SELECT max(teach\_id) FROM teachers



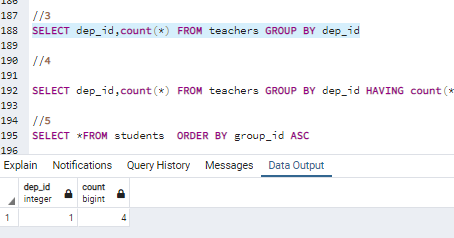
//2

SELECT count(dep\_id) FROM teachers WHERE dep\_id = 1



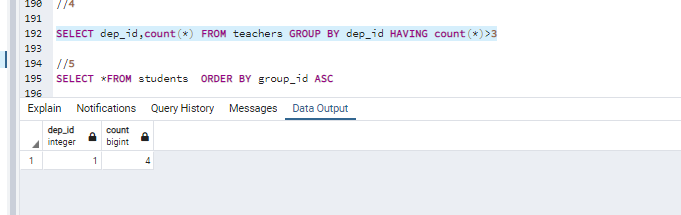
//3

SELECT dep\_id,count(\*) FROM teachers GROUP BY dep\_id



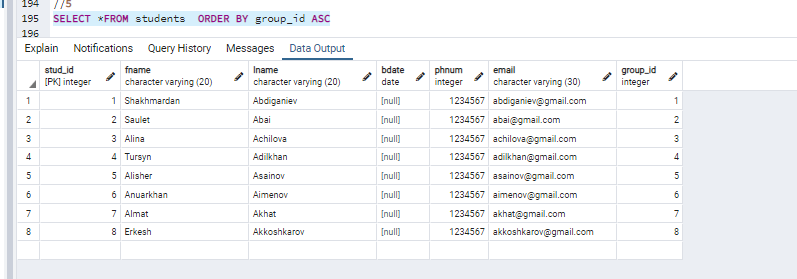
//4

SELECT dep\_id,count(\*) FROM teachers GROUP BY dep\_id HAVING count(\*)>3



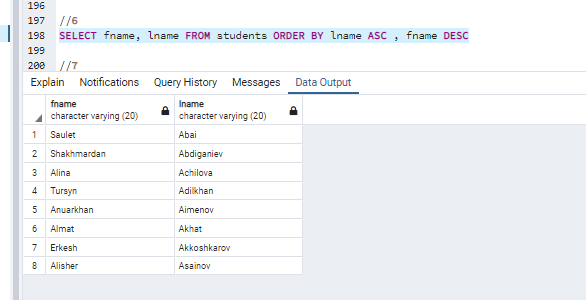
//5

SELECT \*FROM students ORDER BY group\_id ASC



//6

SELECT fname, lname FROM students ORDER BY lname ASC , fname DESC



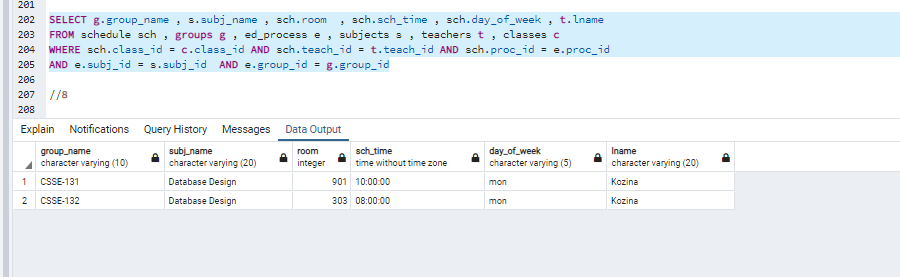
//7

SELECT g.group\_name , s.subj\_name , sch.room , sch.sch\_time , sch.day\_of\_week , t.lname

FROM schedule sch , groups g , ed\_process e , subjects s , teachers t , classes c

WHERE sch.class\_id = c.class\_id AND sch.teach\_id = t.teach\_id AND sch.proc\_id = e.proc\_id

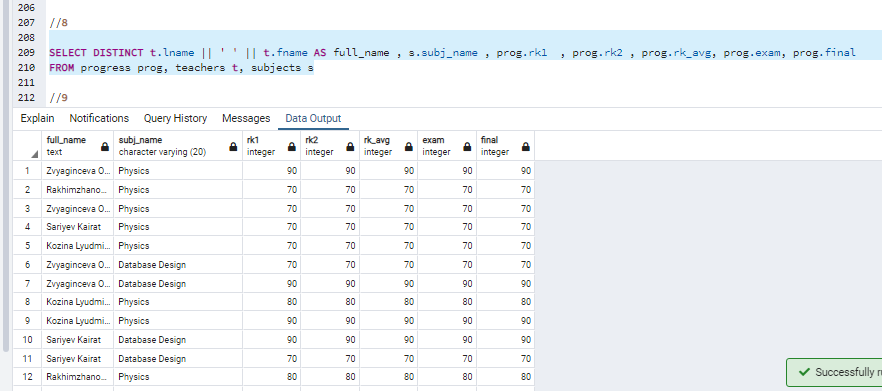
AND e.subj\_id = s.subj\_id AND e.group\_id = g.group\_id



//8

SELECT DISTINCT t.lname || ' ' || t.fname AS full\_name , s.subj\_name , prog.rk1 , prog.rk2 , prog.rk\_avg, prog.exam, prog.final

FROM progress prog, teachers t, subjects s

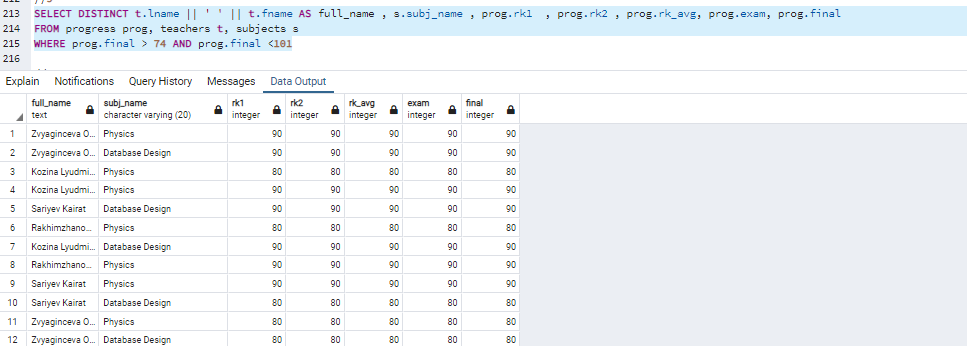


//9

SELECT DISTINCT t.lname || ' ' || t.fname AS full\_name , s.subj\_name , prog.rk1 , prog.rk2 , prog.rk\_avg, prog.exam, prog.final

FROM progress prog, teachers t, subjects s

WHERE prog.final > 74 AND prog.final <101



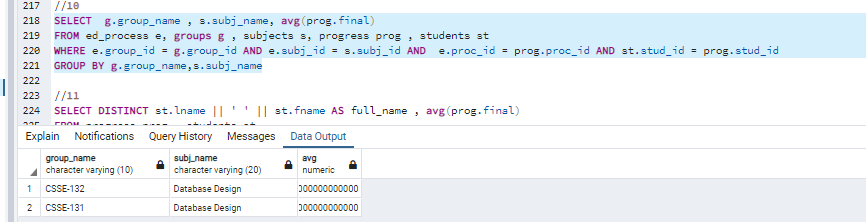
//10

SELECT g.group\_name , s.subj\_name, avg(prog.final)

FROM ed\_process e, groups g , subjects s, progress prog , students st

WHERE e.group\_id = g.group\_id AND e.subj\_id = s.subj\_id AND e.proc\_id = prog.proc\_id AND st.stud\_id = prog.stud\_id

GROUP BY g.group\_name,s.subj\_name



//11

SELECT DISTINCT st.lname || ' ' || st.fname AS full\_name , avg(prog.final)

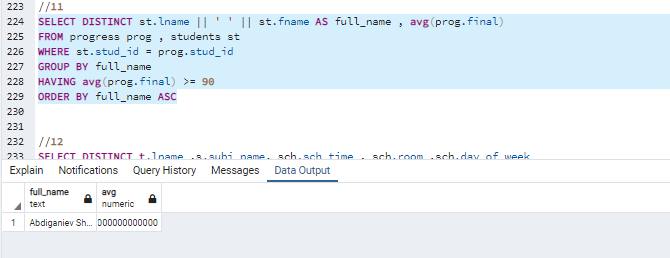
FROM progress prog , students st

WHERE st.stud\_id = prog.stud\_id

GROUP BY full\_name

HAVING avg(prog.final) >= 90

ORDER BY full\_name ASC

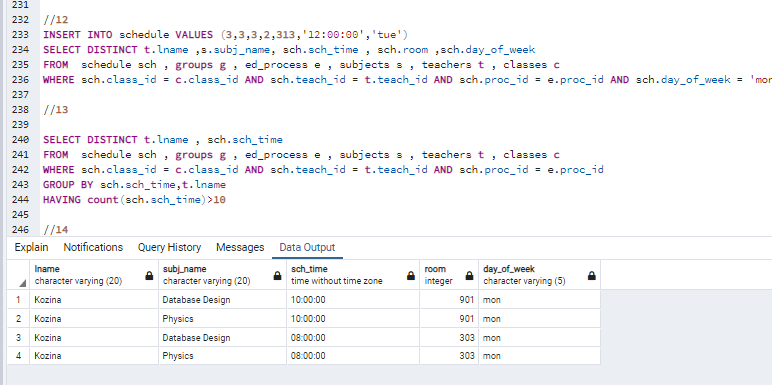


//12

SELECT DISTINCT t.lname ,s.subj\_name, sch.sch\_time , sch.room ,sch.day\_of\_week

FROM schedule sch , groups g , ed\_process e , subjects s , teachers t , classes c

WHERE sch.class\_id = c.class\_id AND sch.teach\_id = t.teach\_id AND sch.proc\_id = e.proc\_id AND sch.day\_of\_week = 'mon'



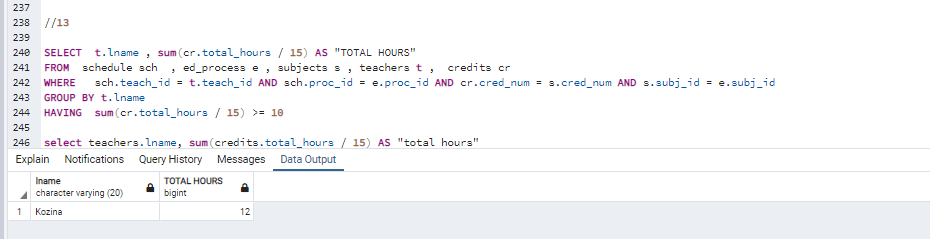
//13

SELECT t.lname , sum(cr.total\_hours / 15) AS "TOTAL HOURS"

FROM schedule sch , ed\_process e , subjects s , teachers t , credits cr

WHERE sch.teach\_id = t.teach\_id AND sch.proc\_id = e.proc\_id AND cr.cred\_num = s.cred\_num AND s.subj\_id = e.subj\_id

GROUP BY t.lname

HAVING sum(cr.total\_hours / 15) >= 10

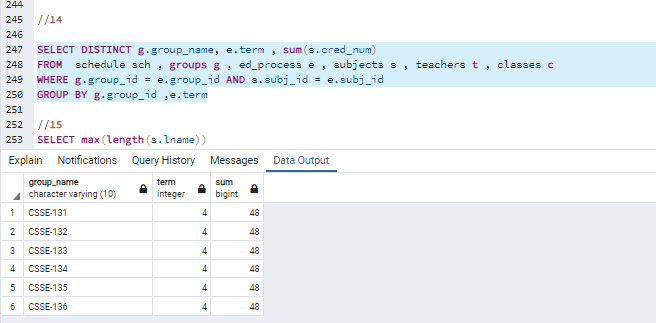
//14

SELECT DISTINCT g.group\_name, e.term , sum(s.cred\_num)

FROM schedule sch , groups g , ed\_process e , subjects s , teachers t , classes c

WHERE g.group\_id = e.group\_id AND s.subj\_id = e.subj\_id

GROUP BY g.group\_id ,e.term



//15

SELECT max(length(s.lname))

FROM students s

