Лабораторная работа 5

--- 6 лаба

---1 задание

select PULPIT.PULPIT\_NAME

from FACULTY, PULPIT

where FACULTY.FACULTY = PULPIT.FACULTY

and

FACULTY.FACULTY in (select PROFESSION.FACULTY

from PROFESSION

where (

PROFESSION.PROFESSION\_NAME LIKE '%технология%' OR

PROFESSION.PROFESSION\_NAME LIKE '%технологии%'

));

---2 задание

select PULPIT.PULPIT\_NAME

from FACULTY INNER JOIN PULPIT

on FACULTY.FACULTY = PULPIT.FACULTY and

FACULTY.FACULTY in (select PROFESSION.FACULTY

from PROFESSION

where (

PROFESSION.PROFESSION\_NAME LIKE '%технология%' OR

PROFESSION.PROFESSION\_NAME LIKE '%технологии%'

));

---3 задание

select distinct PULPIT.PULPIT\_NAME

from FACULTY

inner join PULPIT on FACULTY.FACULTY = PULPIT.FACULTY

inner join PROFESSION on PROFESSION.FACULTY = FACULTY.FACULTY and

(PROFESSION.PROFESSION\_NAME like '%технология%' OR

PROFESSION.PROFESSION\_NAME like '%технология%');

---4 задание

select x.AUDITORIUM,

x.AUDITORIUM\_CAPACITY,

x.AUDITORIUM\_TYPE

from AUDITORIUM as x

where x.AUDITORIUM = (

select top(1) y.AUDITORIUM

from AUDITORIUM as y

where y.AUDITORIUM\_TYPE = y.AUDITORIUM\_TYPE

order by y.AUDITORIUM\_CAPACITY desc

)

order by x.AUDITORIUM\_CAPACITY desc;

--5 задание

select FACULTY.FACULTY\_NAME

from FACULTY

where exists (

select \* from PULPIT

where PULPIT.FACULTY = FACULTY.FACULTY

);

---6 задание

select top(1)

ISNULL((

select AVG(PROGRESS.NOTE) from PROGRESS

where PROGRESS.SUBJECT\_T = 'ОАП'

), 0) [ОАП],

ISNULL((

select AVG(PROGRESS.NOTE) from PROGRESS

where PROGRESS.SUBJECT\_T = 'БД'

), 0) [БД],

ISNULL((

select AVG(PROGRESS.NOTE) from PROGRESS

where PROGRESS.SUBJECT\_T = 'СУБД'

), 0) [СУБД]

from PROGRESS;

--- 7 задание

select AUDITORIUM.AUDITORIUM, AUDITORIUM.AUDITORIUM\_CAPACITY

from AUDITORIUM

where AUDITORIUM.AUDITORIUM\_CAPACITY <= ALL (

select AUDITORIUM.AUDITORIUM\_CAPACITY

from AUDITORIUM

where AUDITORIUM.AUDITORIUM\_TYPE = 'ЛК-К')

and AUDITORIUM.AUDITORIUM\_TYPE = 'ЛБ-К';

--- 8 задание

select AUDITORIUM.AUDITORIUM, AUDITORIUM.AUDITORIUM\_CAPACITY

from AUDITORIUM

where AUDITORIUM.AUDITORIUM\_CAPACITY > ANY (

select AUDITORIUM.AUDITORIUM\_CAPACITY

from AUDITORIUM

where AUDITORIUM.AUDITORIUM\_TYPE = 'ЛК-К')

and AUDITORIUM.AUDITORIUM\_TYPE = 'ЛБ-К';