

```
set search_path to time_table;
set search_path to course_allocation;
```

--time table for specific slot

```
(select
p.programname,o.semester,s.courseno,c.coursename,c.credit,r.roomno,r.section,f.shortname
  from time_table.slotassigned s
  join time_table.roomassigned r
    on s.courseno=r.courseno
  join course_allocation.courses c
    on r.courseno=c.courseno
  join course_allocation.facultyassigned f
    on f.courseno=c.courseno and r.section=f.section
  join course_allocation.offer o
    on o.courseno=c.courseno
  join course_allocation.programs p
    on p.programid=o.programid
  where s.slotno='M1')
union
(select
p1.programname,o1.semester,s1.courseno,c1.coursename,c1.credit,r1.roomno,r1.section,f1.sh
ortname
  from time_table.slotassigned s1
  join time_table.roomassigned r1
    on s1.courseno=r1.courseno
  join course_allocation.courses c1
    on r1.courseno=c1.courseno
  join course_allocation.facultyassigned f1
    on f1.courseno=c1.courseno and r1.section=f1.section
  join course_allocation.openfor o1
    on o1.courseno=c1.courseno
  join course_allocation.programs p1
    on p1.programid=o1.programid
  where s1.slotno='M1')
order by programname,semester,section
```

--list of courses in a slot (Remove where condition to get details of all slots)

```
select s.slotno,s.courseno,c.coursename,c.credit, o.programid, o.semester, f.shortname
from time_table.slotassigned s
join course_allocation.offer o
on s.courseno=o.courseno
join course_allocation.facultyassigned f
on o.courseno = f.courseno
join course_allocation.courses c
on o.courseno=c.courseno
where s.slotno='M1'
order by s.slotno,o.programid;
```

--faculty wise count of courses in a term (Remove where clause of term to get courses of both A and W terms)

```
select distinct f.shortname, count(o.courseno) as coursecount
from course_allocation.facultyassigned f
join course_allocation.offer o
on f.courseno=o.courseno
where o.term='A'
group by f.shortname
order by coursecount
```

--Get details of specific course and faculty assigned

```
select c.courseno, c.coursename, c.credit, f.shortname
from course_allocation.courses c
join course_allocation.facultyassigned f
on c.courseno=f.courseno
where c.courseno='MC313'
```

--List of courses open/offered to a program for a semester

```
(select o.programid, p.programname, o.semester, o.courseno, c.coursename,c.credit
from course_allocation.offer o
join course_allocation.programs p
on o.programid=p.programid
join course_allocation.courses c
on o.courseno=c.courseno
where o.programid=11 and o.semester=3)
union
(select o.programid, p.programname, o.semester, o.courseno, c.coursename,c.credit
from course_allocation.openfor o
join course_allocation.programs p
on o.programid=p.programid
join course_allocation.courses c
on o.courseno=c.courseno
where o.programid=11 and o.semester=3)
```

--Course count for faculty in a slot (Remove having clause to get details of all slots)

```
select s.slotno,f.shortname,count(s.courseno) from time_table.slotassigned s
join course_allocation.facultyassigned f
on s.courseno=f.courseno
group by f.shortname,s.slotno
having s.slotno='M1'
order by s.slotno
```