

```
create table student(  
    stdid number,  
    std_name varchar2(15) NOT NULL,  
    std_join_date date DEFAULT SYSDATE,  
    std_status varchar2(6),  
    PRIMARY KEY (StdID),  
    CONSTRAINT CHK_student  
    CHECK(std_status='PASS' OR  
    std_status='FAIL')  
);
```

```
insert into student  
values ('101', 'Jhonny', to_date('01-07-2005',  
'DD-MM-YYYY'), 'FAIL');  
insert into student  
values ('116', 'Nayak', to_date('16-08-2005',  
'DD-MM-YYYY'), 'FAIL');  
insert into student  
values ('202', 'Meera', to_date('30-01-2006',  
'DD-MM-YYYY'), 'FAIL');  
insert into student  
values ('205', 'Ravi', to_date('11-01-2006', 'DD-  
MM-YYYY'), 'FAIL');  
insert into student
```

```
values ('304', 'Hari', to_date('25-11-2006', 'DD-MM-YYYY'), 'PASS');
insert into student
values ('307', 'Nancy', to_date('15-01-2007', 'DD-MM-YYYY'), 'PASS');
insert into student
values ('403', 'Nick', to_date('21-01-2007', 'DD-MM-YYYY'), 'PASS');
```

```
create table project(
projectcode varchar2(6),
project_name varchar2(30) NOT NULL
UNIQUE,
project_start_date date NOT NULL,
project_end_date date,
PRIMARY KEY (projectcode)
);
```

```
insert into project
values ('P001', 'Environment Pollution',
to_date('02-08-2005', 'DD-MM-YYYY'),
to_date('11-12-2006', 'DD-MM-YYYY'));
```

insert into project

```
values ('P002', 'Leaning Curve',  
to_date('01-02-2006', 'DD-MM-YYYY'),  
to_date('15-03-2006', 'DD-MM-YYYY'));
```

insert into project

```
values ('P003', 'Culture Database',  
to_date('03-01-2007', 'DD-MM-YYYY'), '');
```

```
create table project_allocation(  
projectcode varchar2(6),  
stdid number,  
std_proj_alloc_date date,  
std_proj_submit_date date,  
PRIMARY KEY(projectcode,stdid)  
);
```

insert into project\_allocation

```
values ('P001', '101', to_date('01-08-2005', 'DD-  
MM-YYYY'), to_date('11-12-2006', 'DD-MM-  
YYYY'));
```

insert into project\_allocation

values ('P001', '116', to\_date('16-08-2005', 'DD-MM-YYYY'), to\_date('11-12-2006', 'DD-MM-YYYY'));

insert into project\_allocation

values ('P002', '202', to\_date('01-02-2006', 'DD-MM-YYYY'), to\_date('14-01-2007', 'DD-MM-YYYY'));

insert into project\_allocation

values ('P002', '307', to\_date('15-01-2007', 'DD-MM-YYYY'), "");

insert into project\_allocation

values ('P002', '205', to\_date('11-02-2006', 'DD-MM-YYYY'), "");

insert into project\_allocation

values ('P003', '403', to\_date('21-01-2007', 'DD-MM-YYYY'), "");

insert into project\_allocation

values ('P003', '304', to\_date('03-01-2007', 'DD-MM-YYYY'), "");

insert into project\_allocation

values ('P003', '101', to\_date('03-01-2007', 'DD-

```
MM-YYYY'), '');
```

```
insert into project_allocation
```

```
values ('P003', '116', to_date('03-01-2007', 'DD-  
MM-YYYY'), '');
```

```
insert into project_allocation
```

```
values ('P003', '202', to_date('15-01-2007', 'DD-  
MM-YYYY'), '');
```

1

```
select project_name, std_name from student s,  
project p, project_allocation pa
```

```
where pa.projectcode = p.projectcode and  
s.stdid = pa.stdid;
```

2

```
select std_name from student  
where std_status = 'PASS';
```

3

```
select* from student
```

where extract(month from std\_join\_date) = 11;

4

select\* from project

where project\_start\_date >  
to\_date('01-01-2006', 'DD-MM-YYYY');

5

select\* from student s, project p,  
project\_allocation pa

where p.project\_name = 'Effects of IT' and  
pa.projectcode = p.projectcode and pa.stdid =  
s.stdid;

6

select\* from project

where project\_end\_date > sysdate or  
project\_end\_date is null;

7

select\* from student s, project p,

project\_allocation pa

where pa.projectcode = 'P002' and pa.stdid =  
s.stdid and p.projectcode = 'P002' and  
pa.std\_proj\_submit\_date is null;

8

select (std\_proj\_submit\_date -  
std\_proj\_alloc\_date) as proj\_dur from  
project\_allocation

where std\_proj\_submit\_date is not null and  
projectcode = 'P002';

9

select std\_name, project\_name,  
(std\_proj\_submit\_date - std\_proj\_alloc\_date) as  
Duration from student s, project p,  
project\_allocation pa

where s.stdid = pa.stdid and p.projectcode =  
pa.projectcode;

10

alter table project

```
add project_partner_id number;
```

11

```
update project
```

```
set project_partner_id = '101'
```

```
where projectcode = 'P001';
```

```
update project
```

```
set project_partner_id = '202'
```

```
where projectcode = 'P002';
```

```
update project
```

```
set project_partner_id = '116'
```

```
where projectcode = 'P003';
```

12

```
insert into project
```

```
values ('P004', 'Election Rage',
```

```
to_date('01-03-2007', 'DD-MM-YYYY'), ", ");
```

13



```
delete from project
where projectname = 'Culture Database';
delete from project_allocation
where projectcode = 'P002';
```

14

```
select* from project
where (project_end_date - project_start_date) >
390;
```

15

```
select projectcode, count(projectcode) from
project_allocation
where std_proj_alloc_date <=
to_date('28-02-2007', 'DD-MM-YYYY')
    and (std_proj_submit_date >=
to_date('01-02-2007', 'DD-MM-YYYY')
    or std_proj_submit_date is null)
group by projectcode;
```