

**14 . perform following sql queries on the
faculty_info(faculty_id,faculty_name,dob,subject hours) database.**

3. pattern 5: determine a string in which given a letter is present at particular position.

- i. find all faculties whose names second letter is 'a'.**
- ii. find all faculties whose names second last letter is 's'.**

4. pattern 6: determine a string not contains given a letter.

- i. find all faculties whose name do not contains 'a'**

```
create table faculty_info (  
    faculty_id int primary key,  
    faculty_name varchar(50),  
    dob date,  
    subject_hours int  
);
```

```
insert into faculty_info (faculty_id, faculty_name, dob, subject_hours)  
values  
    (1, 'john doe', '1990-05-15', 40),  
    (2, 'jane smith', '1985-09-20', 35),  
    (3, 'alice johnson', '1978-03-10', 45),  
    (4, 'bob williams', '1982-11-25', 38);
```

find all faculties whose names' second letter is 'a':

```
select *  
from faculty_info  
where substring(faculty_name, 2, 1) = 'a';
```

```
select *  
from faculty_info  
where substring(faculty_name,(faculty_name) - 1, 1) = 's';
```

```
select *  
from faculty_info  
where faculty_name not like '%a%';
```