13 perform following sql queries on the faculty_info(faculty_id,faculty_name,dob,subject hours) database. 1. pattern 3: determine a string contains given a letter. i. find all faculties whose name contains letter 'a'. 2. pattern 4: determine a string in which given pattern is combination of above forms. i. find all faculties whose names second letter is 'a' contains letter 'e' and name ending with letter 'h'.

```
create table faculty_info (
    faculty_id int primary key,
    faculty_name varchar(100),
    dob date,
    subject_hours int
);


insert into faculty_info (faculty_id, faculty_name, dob, subject_hours) values
    (1, 'john doe', '1980-05-15', 40),
    (2, 'jane smith', '1985-10-20', 35),
    (3, 'jim beam', '1975-03-10', 45),
    (4, 'alice wonderland', '1990-12-05', 30),
    (5, 'bob marley', '1982-08-25', 50);

select *
from faculty_info
where faculty_name like '%a%';

select *
from faculty_info
where substring(faculty_name, 2, 1) = 'a'
    and faculty_name like '%e%'
    and right(faculty_name, 1) = 'h';
```