**Schema design for Employee Management Project:-**

1. create database employee\_mangement;
2. use employee\_mangement;
3. CREATE TABLE employee (

emp\_id INT PRIMARY KEY AUTO\_INCREMENT,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

email VARCHAR(100) UNIQUE NOT NULL CHECK (email LIKE '%\_@\_%.\_%'),

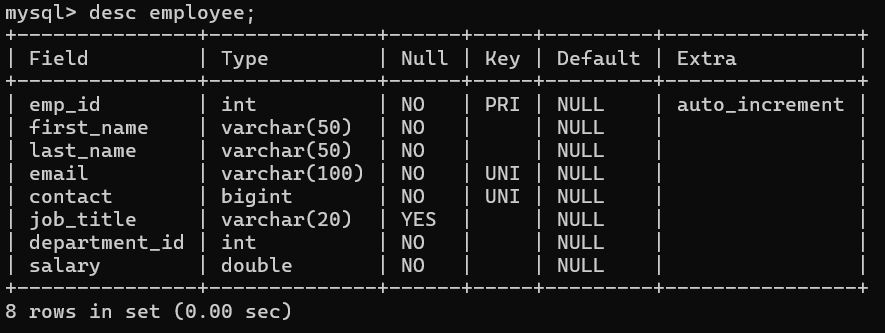
contact BIGINT NOT NULL UNIQUE,

job\_Title Varchar(20) NOT NULL,

department\_id INT NOT NULL,

salary DOUBLE NOT NULL CHECK (salary >= 0)

) auto\_increment =1001;



1. CREATE TABLE department (

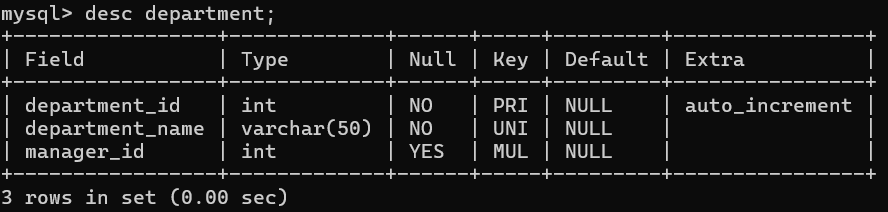
department\_id INT PRIMARY KEY AUTO\_INCREMENT,

department\_name VARCHAR(50) NOT NULL UNIQUE,

manager\_id INT,

FOREIGN KEY (manager\_id) REFERENCES employee(emp\_id)

) auto\_increment =2001;



1. CREATE TABLE salary (

salary\_id INT PRIMARY KEY AUTO\_INCREMENT,

emp\_id INT NOT NULL,

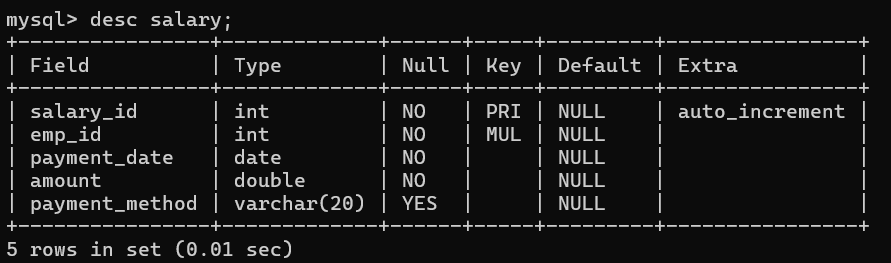
payment\_date DATE NOT NULL,

amount DOUBLE NOT NULL CHECK (amount >= 0),

payment\_method VARCHAR(20) CHECK (payment\_method IN ('Bank Transfer', 'Cash', 'Cheque')),

FOREIGN KEY (emp\_id) REFERENCES employee(emp\_id)

) auto\_increment =3001;



1. CREATE TABLE attendance (

attendance\_id INT PRIMARY KEY AUTO\_INCREMENT,

emp\_id INT NOT NULL,

attendance\_date DATE NOT NULL,

status VARCHAR(10) NOT NULL CHECK (status IN ('Present', 'Absent', 'Leave')),

FOREIGN KEY (emp\_id) REFERENCES employee(emp\_id)

) auto\_increment =4001;

