create database school;

use school;

create table student(

gr\_no int(8)primary key auto\_increment,

roll\_no int(8) not null,

stu\_name varchar(40) NOT NULL,

phone\_no int(10) NOT NULL,

stu\_std int(3) NOT NULL,

email varchar(30),

address varchar(70) NOT NULL

);

desc student;

OUTPUT:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| gr\_no | int(8) | NO | PRI |  | auto\_increment |
| roll\_no | int(8) | NO |  |  |  |
| stu\_name | varchar(40) | NO |  |  |  |
| phone\_no | int(10) | NO |  |  |  |
| stu\_std | int(3) | NO |  |  |  |
| email | varchar(30) | YES |  |  |  |
| address | varchar(70) | NO |  |  |  |

create table faculty(

faculty\_id int(8) primary key,

faculty\_name varchar (30) not null,

qualification varchar(30) not null,

phone\_no int(10) NOT NULL,

email varchar(30) NOT NULL,

address varchar(70) NOT NULL

);

desc faculty;

OUTPUT:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| faculty\_id | int(8) | NO | PRI |  |  |
| faculty\_name | varchar(30) | NO |  |  |  |
| qualification | varchar(30) | NO |  |  |  |
| phone\_no | int(10) | NO |  |  |  |
| email | varchar(30) | NO |  |  |  |
| address | varchar(70) | NO |  |  |  |

create table examination(

exam\_id int(8) primary key,

exam\_date date,

gr\_no int(8) not null,

foreign key (gr\_no) references student (gr\_no),

faculty\_id int(8) not null,

foreign key (faculty\_id) references faculty(faculty\_id)

);

desc examination;

OUTPUT:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| exam\_id | int(8) | NO | PRI |  |  |
| exam\_date | date | YES |  |  |  |
| gr\_no | int(8) | NO | MUL |  |  |
| faculty\_id | int(8) | NO | MUL |  |  |

create table faculty\_salary(

faculty\_id int(8) not null,

bsalary float(10,4) not null,

hra float(10,4),

da float(10,4),

oa float(10,4),

gsalary float(11,4),

foreign key (faculty\_id) references faculty(faculty\_id)

);

Desc faculty\_salary;

OUTPUT:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| faculty\_id | int(8) | NO | MUL |  |  |
| bsalary | float(10,4) | NO |  |  |  |
| hra | float(10,4) | YES |  |  |  |
| da | float(10,4) | YES |  |  |  |
| oa | float(10,4) | YES |  |  |  |
| gsalary | float(11,4) | YES |  |  |  |