

```
CREATE DATABASE EXAM;
```

```
create table language(  
    id int auto_increment primary key,  
    name varchar(255)  
);
```

```
create table programmer(  
    id int auto_increment primary key,  
    name varchar(255)  
);
```

```
create table program(  
    id int auto_increment primary key,  
    name varchar(255),  
    idlanguage int,  
    idprogrammer int,  
    foreign key(idlanguage) references language(id),  
    foreign key(idprogrammer) references programmer(id)  
);
```

```
insert into language(name) values("javascript");
```

```
insert into language(name) values("C");
```

```
insert into language(name) values("python");
```

```
insert into programmer(name) values("anna");
```

```
insert into programmer(name) values("maria");
```

```
insert into programmer(name) values("kostas");
```

```
insert into program(name,idlanguage,idprogrammer) values("game1",1,1);
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insert into program(name,idlanguage,idprogrammer) values("game2",1,2);

insert into program(name,idlanguage,idprogrammer) values("game3",2,2);

insert into program(name,idlanguage,idprogrammer) values("game4",3,3);

2. select name from language;

3. select count(*) from language;

4. select program.name,language.name,programmer.name from
program,programmer,language

where program.idlanguage=language.id and program.idprogrammer=programmer.id;

5.select program.name,language.name from program,language

where program.idlanguage=language.id;

6. select program.name,programmer.name from program,programmer

where program.idlanguage=programmer.id;

7. select program.name from program,language

where program.idlanguage=language.id and language.name like "python";

8. select program.name from program,programmer

where program.idprogrammer=programmer.id and programmer.name like "maria";

9. select program.name from program,programmer

where program.idprogrammer=programmer.id and programmer.name like "%a";

10. select count(*) from program,programmer

where program.idprogrammer=programmer.id and programmer.name like "maria";