



Aluno:

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Turma:

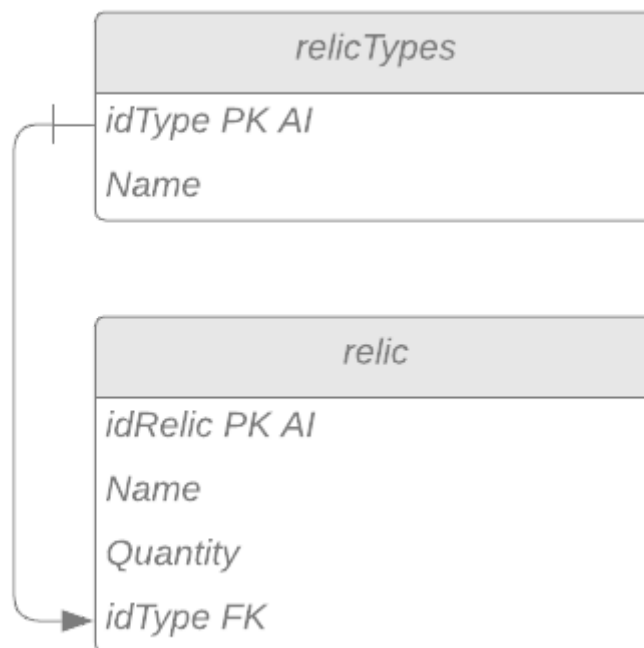
1A-SESI-TI

Data:

28/08

Atividade Back End - Inner Join

MER:



Script:

```
-- create
CREATE TABLE relicTypes (
  idType int not null auto_increment primary key,
  type char(10) not null unique
);
```

```
CREATE TABLE relic (
  idRelic int not null auto_increment primary key,
  name char(3) not null unique,
  quantity int,
  idType int,
  foreign key (idType) references relicTypes(idType)
);
```

```
-- insert
insert into relicTypes (type) values
("Lith"),      -- 1
("Meso"),      -- 2
("Neo"),        -- 3
("Axi"),        -- 4
("Requiem"); -- 5
```

```
insert into relic (name, quantity, idType) values
("E1", 4, 4),
("N17", 18, 3),
("IV", 21, 5),
("A12", 35, 1),
("S10", 7, 3);
```

```
-- fetch
select t.type, r.name, r.quantity
from relicTypes as t
inner join relic as r
on t.idType = r.idType;
```

Screenshot:

The screenshot shows a terminal window with a dark background. On the left, SQL commands are entered in a light blue font. On the right, the output of the commands is displayed in a light green font. The output includes a table with 3 columns: type, name, and quantity. The table is enclosed in a box with a light green border. The table contains 5 rows of data: Axi, E1, 4; Lith, A12, 35; Neo, N17, 18; Neo, S10, 7; and Requiem, IV, 21.

```
1 -- create
2 CREATE TABLE relicTypes (
3   idType int not null auto_increment primary key,
4   type char(10) not null unique
5 );
6
7 CREATE TABLE relic (
8   idRelic int not null auto_increment primary key,
9   name char(3) not null unique,
10  quantity int,
11  idType int,
12  foreign key (idType) references relicTypes(idType)
13 );
14
15 -- insert
16 insert into relicTypes (type) values
17 ("Lith"),      -- 1
18 ("Meso"),      -- 2
19 ("Neo"),        -- 3
20 ("Axi"),        -- 4
21 ("Requiem"); -- 5
22
23 insert into relic (name, quantity, idType) values
24 ("E1", 4, 4),
25 ("N17", 18, 3),
26 ("IV", 21, 5),
27 ("A12", 35, 1),
28 ("S10", 7, 3);
29
30 -- fetch
31 select t.type, r.name, r.quantity
32 from relicTypes as t
33 inner join relic as r
34 on t.idType = r.idType;
```

STDIN

Input for the program (Optional)

Output:

type	name	quantity
Axi	E1	4
Lith	A12	35
Neo	N17	18
Neo	S10	7
Requiem	IV	21