

# SQL

```
CREATE TABLE people (id INT, name varchar(MAX), gender varchar(1));
CREATE TABLE marriages (id INT, personID INT, spouseID INT);
CREATE TABLE aliases (id INT, personID INT, alias varchar(MAX));
CREATE TABLE children (id INT, parentID INT, childID INT);

-- Populate the people table
INSERT INTO "PUBLIC"."PEOPLE" ("ID", "NAME", "GENDER") VALUES (1, 'Peter Parker', 'M');
INSERT INTO "PUBLIC"."PEOPLE" ("ID", "NAME", "GENDER") VALUES (2, 'Richard Parker', 'M');
INSERT INTO "PUBLIC"."PEOPLE" ("ID", "NAME", "GENDER") VALUES (3, 'Mary Parker', 'F');
INSERT INTO "PUBLIC"."PEOPLE" ("ID", "NAME", "GENDER") VALUES (4, 'Ben Parker', 'M');
INSERT INTO "PUBLIC"."PEOPLE" ("ID", "NAME", "GENDER") VALUES (5, 'May Parker', 'F');
INSERT INTO "PUBLIC"."PEOPLE" ("ID", "GENDER") VALUES (6, 'M');

-- Populate the marriages table
INSERT INTO "PUBLIC"."MARRIAGES" ("ID", "PERSONID", "SPOUSEID") VALUES (1, 2, 3);
INSERT INTO "PUBLIC"."MARRIAGES" ("ID", "PERSONID", "SPOUSEID") VALUES (2, 3, 2);
INSERT INTO "PUBLIC"."MARRIAGES" ("ID", "PERSONID", "SPOUSEID") VALUES (3, 4, 5);
INSERT INTO "PUBLIC"."MARRIAGES" ("ID", "PERSONID", "SPOUSEID") VALUES (4, 5, 4);

-- Populate the aliases table
INSERT INTO "PUBLIC"."ALIASES" ("ID", "PERSONID", "ALIAS") VALUES (1, 1, 'Spider-Man');
INSERT INTO "PUBLIC"."ALIASES" ("ID", "PERSONID", "ALIAS") VALUES (2, 1, 'Spidey');

-- Populate the children table
INSERT INTO "PUBLIC"."CHILDREN" ("ID", "PARENTID", "CHILDID") VALUES (1, 2, 1);
INSERT INTO "PUBLIC"."CHILDREN" ("ID", "PARENTID", "CHILDID") VALUES (2, 3, 1);
INSERT INTO "PUBLIC"."CHILDREN" ("ID", "PARENTID", "CHILDID") VALUES (3, 6, 2);
INSERT INTO "PUBLIC"."CHILDREN" ("ID", "PARENTID", "CHILDID") VALUES (4, 6, 4);
```

# SQL Model

**People Table**

ID	Name	Gender
1	Peter Parker	M
2	Richard Parker	M
3	Mary Parker	F
4	Ben Parker	M
5	May Parker	F
6		M

**Marriages Table**

ID	PersonID	SpouseID
1	2	3
2	3	2
3	4	5
4	5	4

**Aliases Table**

ID	PersonID	Alias
1	1	Spider-Man
2	1	Spidey

**Children Table**

ID	ParentID	ChildID
1	2	1
2	3	1
3	6	2
4	6	4

**Without an ORM library, populating this data can be painful**