

```
CREATE DATABASE spy CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci ;
```

```
USE spy ;
```

```
CREATE TABLE mission(  
    id SMALLINT AUTO_INCREMENT NOT NULL,  
    title VARCHAR(120) NOT NULL,  
    description TEXT NOT NULL,  
    status VARCHAR(15) NOT NULL,  
    code_name VARCHAR(50) NOT NULL,  
    code_country CHAR(2) NOT NULL,  
    country VARCHAR(50) NOT NULL,  
    start_date date NOT NULL,  
    end_date date NOT NULL,  
    PRIMARY KEY(id)  
) ENGINE = InnoDB ;
```

```
CREATE TABLE spy(  
    id SMALLINT AUTO_INCREMENT NOT NULL,  
    code_name VARCHAR(50) NOT NULL,  
    firstname VARCHAR(50) NOT NULL,  
    lastname VARCHAR(50) NOT NULL,  
    birthdate date NOT NULL,  
    code_country CHAR(2) NOT NULL,  
    country VARCHAR(50) NOT NULL,  
    PRIMARY KEY(id)  
) ENGINE = InnoDB ;
```

```
CREATE TABLE spy_mission(  
    id_mission SMALLINT NOT NULL,  
    id_spy SMALLINT NOT NULL,  
    PRIMARY KEY(id_mission, id_spy),  
    FOREIGN KEY(id_mission) REFERENCES mission(id),  
    FOREIGN KEY(id_spy) REFERENCES spy(id)  
) ENGINE = InnoDB ;
```

```
CREATE TABLE target(  
    id SMALLINT NOT NULL AUTO_INCREMENT,  
    code_name VARCHAR(50) NOT NULL,  
    firstname VARCHAR(50) NOT NULL,  
    lastname VARCHAR(50) NOT NULL,  
    birthdate DATE NOT NULL,  
    code_country CHAR(2) NOT NULL,  
    country VARCHAR(50) NOT NULL,  
    PRIMARY KEY(id)  
) ENGINE = InnoDB ;
```

```
CREATE TABLE target_mission(  
    id_mission SMALLINT NOT NULL,  
    id_target SMALLINT NOT NULL,  
    PRIMARY KEY(id_mission, id_target),  
    FOREIGN KEY(id_mission) REFERENCES mission(id),
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        FOREIGN KEY(id_target) REFERENCES target(id)
    ) ENGINE = InnoDB ;
```

```
CREATE TABLE contact(
    id SMALLINT NOT NULL AUTO_INCREMENT,
    code_name VARCHAR(50) NOT NULL,
    firstname VARCHAR(50) NOT NULL,
    lastname VARCHAR(50) NOT NULL,
    birthdate DATE NOT NULL,
    code_country CHAR(2) NOT NULL,
    country VARCHAR(50) NOT NULL,
    PRIMARY KEY(id)
) ENGINE = InnoDB ;
```

```
CREATE TABLE contact_mission(
    id_mission SMALLINT NOT NULL,
    id_contact SMALLINT NOT NULL,
    PRIMARY KEY(id_mission, id_contact),
    FOREIGN KEY(id_mission) REFERENCES mission(id),
    FOREIGN KEY(id_contact) REFERENCES contact(id)
) ENGINE = InnoDB ;
```

```
CREATE TABLE hideout (
    id SMALLINT NOT NULL AUTO_INCREMENT,
    code_name VARCHAR(50) NOT NULL,
    address VARCHAR(150) NOT NULL,
    code_country CHAR(2) NOT NULL,
    country VARCHAR(50) NOT NULL,
    type VARCHAR(30) NOT NULL,
    PRIMARY KEY(id)
) ENGINE = InnoDB ;
```

```
CREATE TABLE hideout_mission(
    id_mission SMALLINT NOT NULL,
    id_hideout SMALLINT NOT NULL,
    PRIMARY KEY(id_mission, id_hideout),
    FOREIGN KEY(id_mission) REFERENCES mission(id),
    FOREIGN KEY(id_hideout) REFERENCES hideout(id)
) ENGINE = InnoDB ;
```

```
CREATE TABLE admin(
    id TINYINT AUTO_INCREMENT,
    login VARCHAR(30) NOT NULL,
    firstname VARCHAR(30) NOT NULL,
    lastname VARCHAR(30) NOT NULL,
    mail VARCHAR(60) NOT NULL,
    password VARCHAR(255) NOT NULL,
    creation_date DATE NOT NULL,
    PRIMARY KEY(id)
) ENGINE = InnoDB ;
```

```
CREATE TABLE type_of_mission(
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        id SMALLINT AUTO_INCREMENT NOT NULL,  
        name VARCHAR(50),  
        PRIMARY KEY(id)  
    ) ENGINE = InnoDB ;
```

```
CREATE TABLE mission_type_of_mission(  
    id_mission SMALLINT NOT NULL,  
    id_type_of_mission SMALLINT NOT NULL,  
    PRIMARY KEY (id_mission, id_type_of_mission),  
    FOREIGN KEY(id_mission) REFERENCES mission(id),  
    FOREIGN KEY(id_type_of_mission) REFERENCES type_of_mission(id)  
    ) ENGINE = InnoDB ;
```

```
CREATE TABLE speciality(  
    id SMALLINT AUTO_INCREMENT NOT NULL,  
    name VARCHAR(50),  
    PRIMARY KEY(id)  
    ) ENGINE = InnoDB ;
```

```
CREATE TABLE spy_speciality(  
    id_speciality SMALLINT NOT NULL,  
    id_spy SMALLINT NOT NULL,  
    PRIMARY KEY (id_speciality, id_spy),  
    FOREIGN KEY(id_speciality) REFERENCES speciality(id),  
    FOREIGN KEY(id_spy) REFERENCES spy(id)  
    ) ENGINE = InnoDB ;
```

```
CREATE TABLE mission_speciality(  
    id_mission SMALLINT NOT NULL,  
    id_speciality SMALLINT NOT NULL,  
    PRIMARY KEY (id_mission, id_speciality),  
    FOREIGN KEY(id_mission) REFERENCES mission(id),  
    FOREIGN KEY(id_speciality) REFERENCES speciality(id)  
    ) ENGINE = InnoDB ;
```