

## Database surveyDB queries


The tables have to be created in order! From top to bottom. 

Table `surveyor`

```
In [ ]: CREATE TABLE surveyor (  
        id SERIAL PRIMARY KEY,  
        name TEXT,  
        city TEXT,  
        password TEXT  
    );
```

```
In [ ]: INSERT INTO surveyor (name, city, password)  
VALUES  
('John Doe', 'New York', 'password1'),  
('Jane Smith', 'Los Angeles', 'password2'),  
('Bob Johnson', 'Chicago', 'password3');
```

Table `survey`

```
In [ ]: CREATE TABLE survey (  
        id SERIAL PRIMARY KEY,  
        descr TEXT,  
        startDate TIMESTAMP,  
        endDate TIMESTAMP,  
        idSurveyor INT,  
        FOREIGN KEY (idSurveyor) REFERENCES surveyor(id)  
    );
```

```
In [ ]: INSERT INTO survey (descr, startDate, endDate, idSurveyor)  
VALUES  
('Survey 1', '2022-01-01 00:00:00', '2022-01-31 23:59:59', 1),  
('Survey 2', '2022-02-01 00:00:00', '2022-02-28 23:59:59', 2),  
('Survey 3', '2022-03-01 00:00:00', '2022-03-31 23:59:59', 3);
```

Table `questiontype`

```
In [ ]: CREATE TABLE questiontype (  
        id SERIAL PRIMARY KEY,  
        descr TEXT  
    );
```

```
In [ ]: INSERT INTO questiontype (descr)  
VALUES  
('Text')  
('True or False'),  
('Slider'),  
('Selection');
```

Table `question`

```
In [ ]: CREATE TABLE question (  
        id SERIAL PRIMARY KEY,  
        question TEXT,  
        idQuestionType INT,  
        idSurvey INT,  
        FOREIGN KEY (idQuestionType) REFERENCES questiontype(id),  
        FOREIGN KEY (idSurvey) REFERENCES survey(id)  
    );
```

```
In [ ]: INSERT INTO question (question, idQuestionType, idSurvey)  
VALUES  
( 'What is your favorite color?', 1, 1), --questiontype text  
( 'Do you like programming?', 2, 1), --questiontype true/false  
( 'From what range are you willing to pay?', 3, 2); --questiontype slider  
( 'In what platforms do you play videogames?', 4, 2); --questiontype selection
```

Table `answer`

```
In [ ]: CREATE TABLE answer (  
        id SERIAL PRIMARY KEY,  
        answer TEXT,  
        answeredDate TIMESTAMP,  
        questionId INT,  
        FOREIGN KEY (questionId) REFERENCES question(id)  
    );
```

```
In [ ]: INSERT INTO answer (answer, answeredDate, questionId)  
VALUES  
( 'Blue', '2022-01-01 00:00:00', 1), --questiontype text  
( 'True', '2022-02-01 00:00:00', 2), --questiontype true/false  
( '100;200', '2022-03-01 00:00:00', 3); --questiontype slider  
( 'PC;Xbox', '2022-04-01 00:00:00', 4); --questiontype selection
```