

SQL

- General commands

General commands

Logging into remote db

```
mysql -h HOST -P PORT -u USERNAME -p
```

Creating a table

Syntax

```
CREATE TABLE table_name (  
    column1 datatype constraint,  
    column2 datatype,  
    column3 datatype,  
);
```

Example

```
CREATE TABLE products (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    product_name VARCHAR(32),  
    company_id INT,  
    FOREIGN KEY (company_id) REFERENCES companies(id)  
) ENGINE=InnoDB;
```

View table creation code

```
SHOW CREATE TABLE `table_name`;
```

Adding a new foreign key

```
ALTER TABLE table_name ADD CONSTRAINT fk_foreign_key_name FOREIGN KEY (column_name) REFERENCES  
table_name(table_column);
```