# SQL Befehle

**CREATE** **TABLE** `offers` (

`offerID` **INT**(11) **NOT** **NULL**,

`userID` **VARCHAR**(50) **NOT** **NULL** **DEFAULT** '' **COLLATE** 'latin1\_swedish\_ci',

`distance` **INT**(11) **NOT** **NULL**,

`exp\_date` **VARCHAR**(50) **NULL** **DEFAULT** **NULL** **COLLATE** 'latin1\_swedish\_ci',

`price` **DOUBLE**(22,2) **NULL** **DEFAULT** **NULL**,

**INDEX** `offerID` (`offerID`) **USING** **BTREE**,

**INDEX** `userID` (`userID`) **USING** **BTREE**,

**CONSTRAINT** `userID` **FOREIGN** **KEY** (`userID`) **REFERENCES** `test`.`user` (`userID`) **ON** **UPDATE** **RESTRICT** **ON** **DELETE** **RESTRICT**

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `products` (

`productID` **INT**(11) **NOT** **NULL** **AUTO\_INCREMENT**,

`productName` **VARCHAR**(50) **NOT** **NULL** **DEFAULT** '' **COLLATE** 'latin1\_swedish\_ci',

**PRIMARY** **KEY** (`productID`) **USING** **BTREE**

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

**AUTO\_INCREMENT**=15

;

**CREATE** **TABLE** `productsinoffer` (

`offerID` **INT**(11) **NOT** **NULL**,

`productID` **INT**(11) **NOT** **NULL**,

**INDEX** `productID` (`productID`) **USING** **BTREE**,

**INDEX** `offerID` (`offerID`) **USING** **BTREE**,

**CONSTRAINT** `offerID` **FOREIGN** **KEY** (`offerID`) **REFERENCES** `test`.`offers` (`offerID`) **ON** **UPDATE** **RESTRICT** **ON** **DELETE** **RESTRICT**,

**CONSTRAINT** `productID` **FOREIGN** **KEY** (`productID`) **REFERENCES** `test`.`products` (`productID`) **ON** **UPDATE** **RESTRICT** **ON** **DELETE** **RESTRICT**

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

**CREATE** **TABLE** `user` (

`userID` **VARCHAR**(50) **NOT** **NULL** **COLLATE** 'latin1\_swedish\_ci',

`password` **VARCHAR**(50) **NOT** **NULL** **COLLATE** 'latin1\_swedish\_ci',

`isFarmer` **INT**(11) **NOT** **NULL**,

**PRIMARY** **KEY** (`userID`) **USING** **BTREE**

)

**COLLATE**='latin1\_swedish\_ci'

**ENGINE**=**InnoDB**

;

INSERT INTO user VALUES (‘farmer’,’farmer’,1);

INSERT INTO user VALUES (‘buerger’,’buerger’,0);

INSERT INTO offers VALUES (1,’farmer’,10,’2020-08-12’,10);

INSERT INTO offers VALUES (2,’farmer’,20,’2020-08-15’,20);

INSERT INTO products VALUES (1, ‘apple’);

INSERT INTO products VALUES (2, ‘carrot’);

INSERT INTO products VALUES (3, ‘salad’);

INSERT INTO products VALUES (4, ‘beetroot’);

INSERT INTO products VALUES (5, ‘pear’);

INSERT INTO productsinoffer VALUES (1,1);

INSERT INTO productsinoffer VALUES (1,3);

INSERT INTO productsinoffer VALUES (2,2)

INSERT INTO productsinoffer VALUES (2,4);