

Check Constraint

MAD 202



CHECK Constraint

- Check constraints further limit the values that a column or set of columns accept.
- Commonly check the following:
 - Min/Max values
 - Specific values
 - Range of values

CHECK (salary <=50000)

Would check to make sure that no salary exceeds 50,000



CHECK Constraint

- Define a check constraint by using the keyword CHECK
- A column can have zero or more check constraints associated with it
- The constraint's condition is almost any valid WHERE condition
 - Comparison ($=$, $<>$, $<$, $<=$, $>$, $>=$), LIKE, BETWEEN, IN or IS NULL
 - Join multiple conditions with AND, OR and NOT
 - Can refer to any column in the table, but can't refer to columns in other tables



CHECK Example

```
CREATE TABLE cartitems
```

```
(
```

```
  cart_id INTEGER NOT NULL,
```

```
  item_id INTEGER NOT NULL,
```

```
  qty SMALLINT NOT NULL,
```

```
  CHECK (qty <=10)
```

```
);
```

Will 'work' in MySQL – will create the table,
but does not enforce the constraint.

