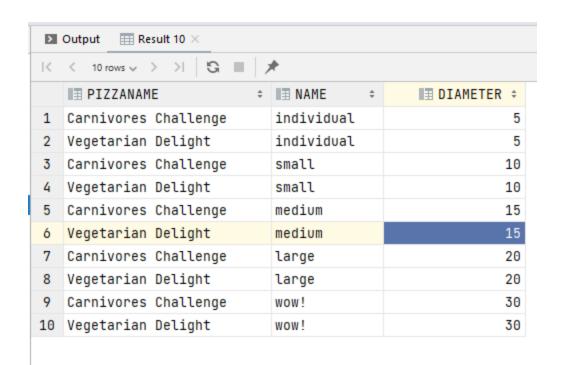
```
DDL Statements:
```

```
CREATE TABLE Pizza(
  pizzaName VARCHAR(50),
  pizzaCrust VARCHAR(50),
  CONSTRAINT pizza pk PRIMARY KEY (pizzaName)
);
CREATE TABLE Ingredients (
   ingredientName VARCHAR(50),
  CONSTRAINT ingredient pk PRIMARY KEY (ingredientName)
);
CREATE TABLE Size(
  diameter INTEGER,
  name
             VARCHAR (50),
  CONSTRAINT size pk PRIMARY KEY (diameter)
);
CREATE TABLE Pizza Topping(
  ingredientName VARCHAR(50) not null,
  pizzaName VARCHAR(50) not null,
  meat
           BOOLEAN,
  CONSTRAINT pizzaTopping pk PRIMARY KEY (ingredientName, pizzaName),
  CONSTRAINT pizzaTopping Ingredients fk FOREIGN KEY (ingredientName)
REFERENCES Ingredients (ingredientName),
  CONSTRAINT pizzaTopping Pizza pk FOREIGN KEY (pizzaName) REFERENCES Pizza
(pizzaName)
);
CREATE TABLE Cost (
  price DOUBLE,
  pizzaName VARCHAR(50) not null,
  diameter int not null,
  CONSTRAINT cost pk PRIMARY KEY (pizzaName, diameter, price),
  CONSTRAINT cost Pizza fk FOREIGN KEY (pizzaName) REFERENCES Pizza
(pizzaName),
  CONSTRAINT cost Size fk FOREIGN KEY (diameter) REFERENCES Size (diameter)
);
DML Insert:
INSERT INTO Pizza
  VALUES ('Carnivores Challenge', 'Deep Dish'),
          ('Vegetarian Delight', 'NY Style');
INSERT INTO Ingredients
  VALUES ('Pepperoni'),
```

```
('Bell Pepper'),
          ('MeatBall'),
          ('Mushroom'),
          ('Mozzarella'),
          ('Anchovy'),
          ('Onion'),
          ('Pineapple');
INSERT INTO Ingredients
  VALUES ('Bacon');
INSERT INTO Size
  VALUES (5, 'individual'),
          (10, 'small'),
          (15, 'medium'),
          (20, 'large'),
          (30, 'wow!');
INSERT INTO Pizza Topping
  VALUES ('Pepperoni', 'Carnivores Challenge', TRUE),
          ('MeatBall', 'Carnivores Challenge', TRUE),
          ('Anchovy', 'Carnivores Challenge', TRUE),
          ('Bacon', 'Carnivores Challenge', TRUE),
          ('Mozzarella', 'Carnivores Challenge', TRUE),
          ('Bell Pepper', 'Vegetarian Delight', FALSE),
          ('Mushroom', 'Vegetarian Delight', FALSE),
          ('Onion', 'Vegetarian Delight', FALSE),
          ('Pineapple', 'Vegetarian Delight', FALSE),
          ('Mozzarella','Vegetarian Delight', FALSE);
INSERT INTO Cost
  VALUES (10.00, 'Carnivores Challenge', 5),
          (15.00, 'Carnivores Challenge', 10),
          (20.00, 'Carnivores Challenge', 15),
          (25.00, 'Carnivores Challenge', 20),
          (30.00, 'Carnivores Challenge', 30),
          (11.00, 'Vegetarian Delight', 5),
          (16.00, 'Vegetarian Delight', 10),
          (21.00, 'Vegetarian Delight', 15),
          (26.00, 'Vegetarian Delight', 20),
          (31.00, 'Vegetarian Delight', 30);
```

DML Query for Pizza and Size:

```
SELECT pizzaName, name, diameter
FROM Pizza NATURAL JOIN Size;
```



Carnivores Challenge, individual, 5 Vegetarian Delight, individual, 5 Carnivores Challenge, small, 10 Vegetarian Delight, small, 10

Carnivores Challenge, medium, 15

Vegetarian Delight, medium, 15

Carnivores Challenge, large, 20

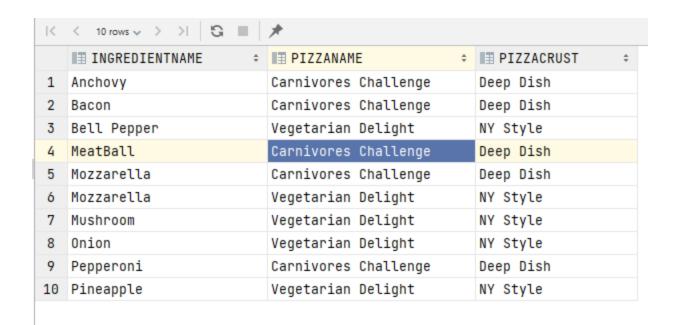
Vegetarian Delight, large, 20

Carnivores Challenge, wow!, 30

Vegetarian Delight, wow!, 30

DML Query for ingredient name and crust type:

SELECT ingredientName, pizzaName, pizzaCrust FROM Pizza Topping NATURAL JOIN Pizza;



Anchovy, Carnivores Challenge, Deep Dish Bacon, Carnivores Challenge, Deep Dish Bell Pepper, Vegetarian Delight, NY Style MeatBall, Carnivores Challenge, Deep Dish Mozzarella, Carnivores Challenge, Deep Dish Mozzarella, Vegetarian Delight, NY Style Mushroom, Vegetarian Delight, NY Style Onion, Vegetarian Delight, NY Style Pepperoni, Carnivores Challenge, Deep Dish Pineapple, Vegetarian Delight, NY Style