1.

SELECT \* FROM Orders

LEFT JOIN Customers ON Orders.CustomerID=Customers.CustomerID;

SELECT \* FROM Orders

INNER JOIN Customers ON Orders.CustomerID=Customers.CustomerID;

SELECT \* FROM Orders

RIGHT JOIN Customers ON Orders.CustomerID=Customers.CustomerID;

2.

Первичный ключ: ProductID

Внешние ключи: SizeUnitMeasureCode, WeightUnitMeasureCode, ProductSubcategoryID, ProductModelID

4. A) **SELECT** emp.emp\_name, dep.dep\_name **FROM** emp

**INNER JOIN** dep **ON** emp.dep\_id=dep.dep\_id;

B**)  SELECT** dep.dep\_name, **COUNT**(emp.emp\_name) **AS** total\_ppl **FROM** dep

**INNER JOIN** emp **ON** emp.dep\_id=dep.dep\_id

**GROUP BY** dep.dep\_name;

C) **SELECT**

**LOWER**(**CONCAT**(**SUBSTRING**\_**INDEX**(emp\_name, ' ', 1), '­\_',

**SUBSTRING\_INDEX**(emp\_name, ' ', -1), '@[gmail.com](mailto:gmail.com)'))

**AS** email **FROM** emp;

D) **SELECT** dep.dep\_name, **MAX**(**SUM**(rev.revenue)) **AS** profit, **COALESCE** (NULL, N.D) **FROM** dep

**LEFT JOIN** emp **ON** emp.dep\_id=dep.dep\_id

**LEFT JOIN** rev **ON** rev.emp\_id=emp.emp\_id

**GROUP BY** dep.dep\_name;