1. ***Find products with standard price less than $300***

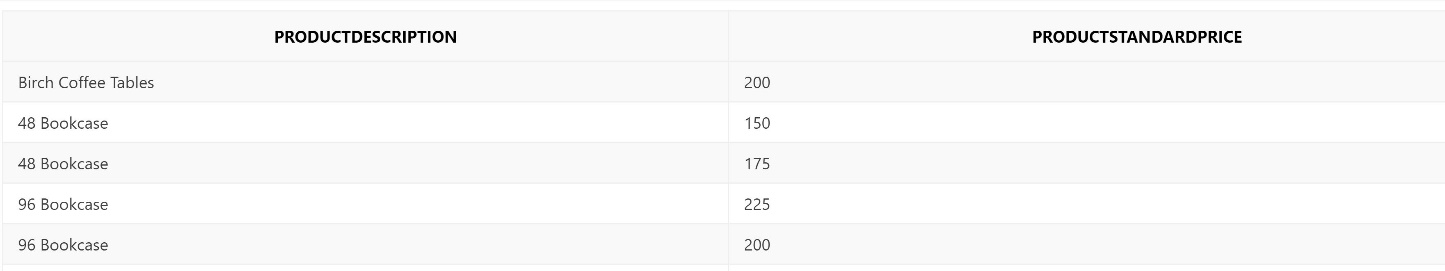
**SQL Command:**

SELECT ProductDescription, ProductStandardPrice

FROM PRODUCT\_T

WHERE ProductStandardPrice < 300 ;

**Oracle Apex Output Snapshot:**



1. ***Usage of Alias***

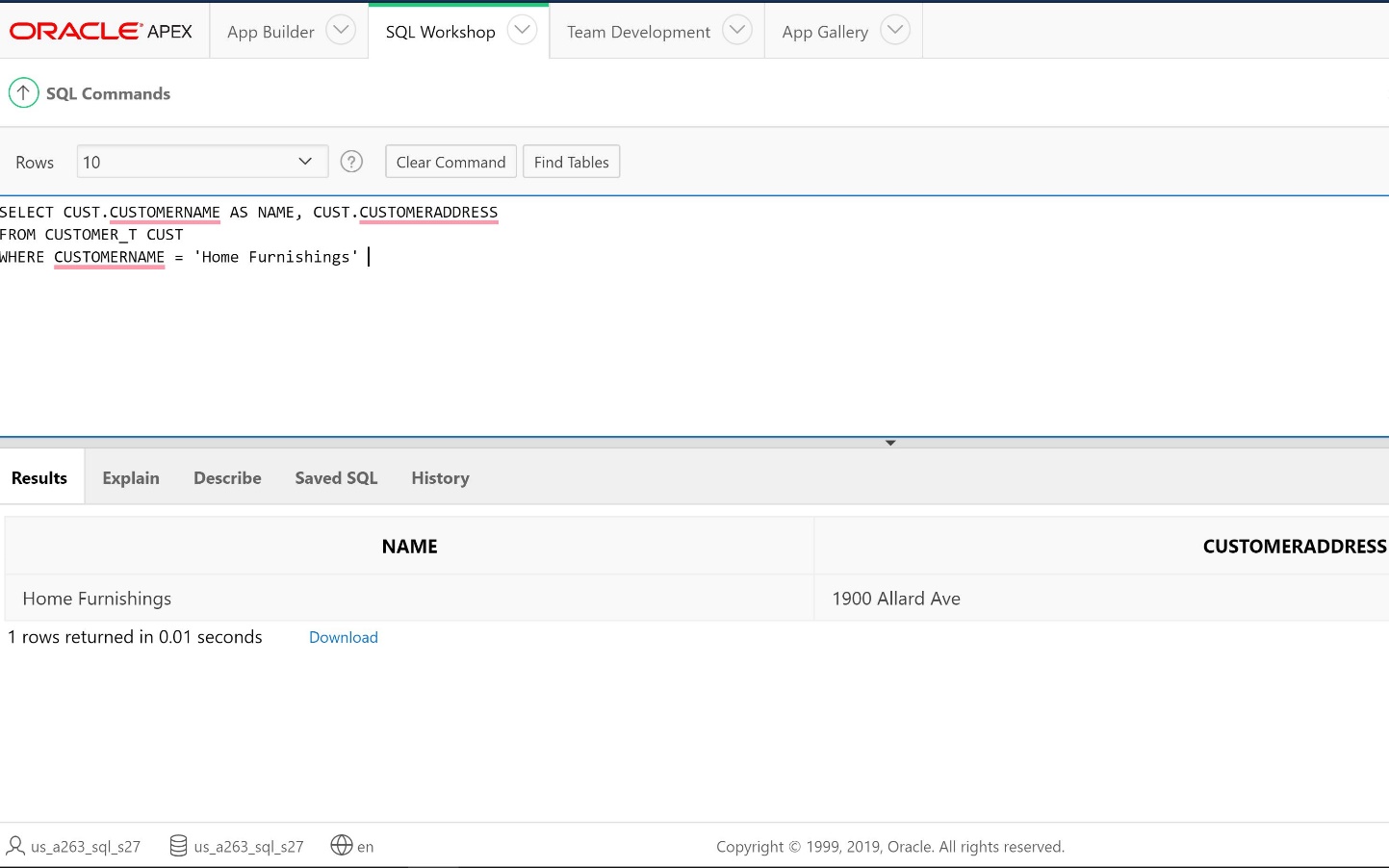
**SQL Command:**

SELECT CUST.CUSTOMERNAME AS NAME, CUST.CUSTOMERADDRESS

FROM CUSTOMER\_T CUST

WHERE CUSTOMERNAME = ‘Home Furnishings’;

**Oracle Apex Output Snapshot:**



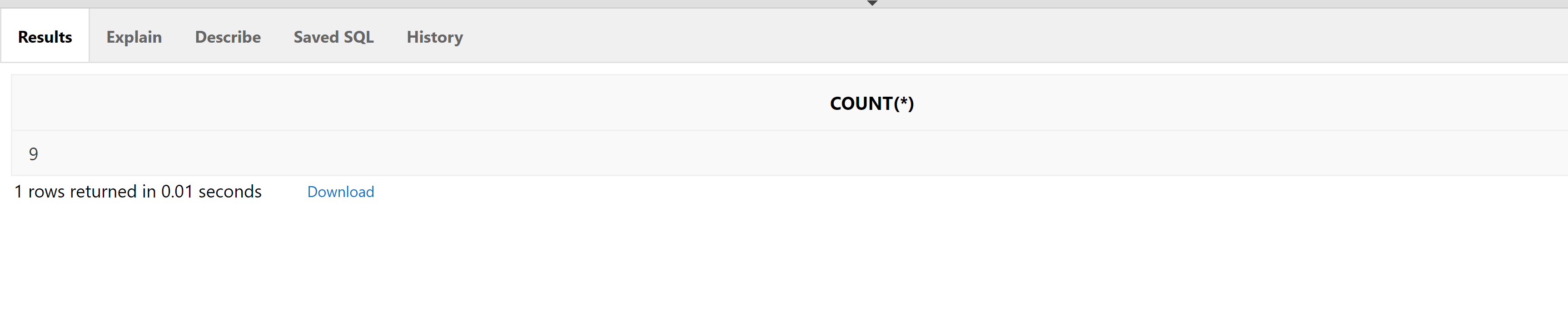
1. ***Usage of Aggregate functions COUNT (\*) and AVG***

**SQL Command:**

SELECT COUNT(\*) FROM PRODUCT\_T

WHERE PRODUCTLINEID = 1;

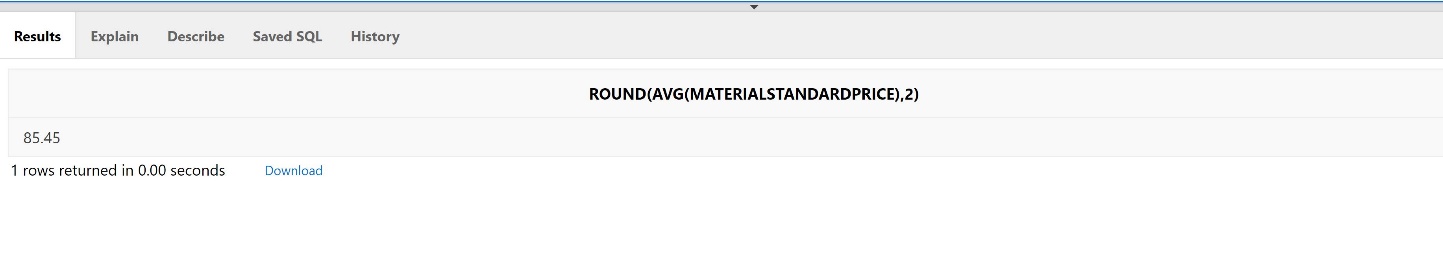
**Oracle Apex Output Snapshot:**



**SQL COMMAND:**

SELECT ROUND(AVG(MATERIALSTANDARDPRICE),2)

FROM RAWMATERIAL\_T ***;***

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1. ***List the MaterialID, MaterialName, Material, MaterialStandardPrice, and Thickness for all raw materials made of cherry, pine, or walnut. Order the listing by Material, Standard Price, and Thickness.***

**SQL Command:**

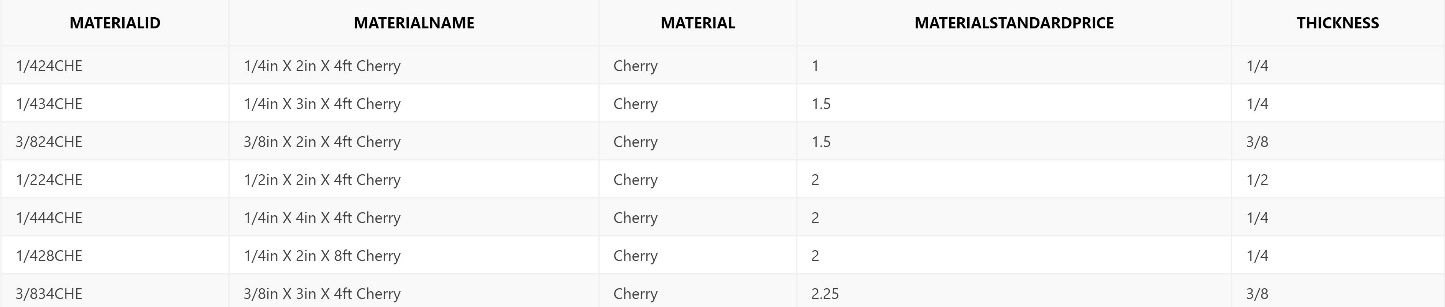
SELECT MATERIALID, MATERIALNAME,MATERIAL, MATERIALSTANDARDPRICE, THICKNESS

FROM RAWMATERIAL\_T

WHERE MATERIAL IN ('Cherry', 'Pine', 'Walnut')

ORDER BY MATERIAL, MATERIALSTANDARDPRICE, THICKNESS ;

**Oracle Apex Output Snapshot:**



1. ***For each customer, list the CustomerID and total number of orders placed.***

**SQL Command:**

SELECT CUSTOMER\_T.CUSTOMERID, COUNT(ORDER\_T.ORDERID) AS TOTALORDERSPLACED

FROM CUSTOMER\_T INNER JOIN ORDER\_T ON

CUSTOMER\_T.CUSTOMERID = ORDER\_T.CUSTOMERID

GROUP BY CUSTOMER\_T.CUSTOMERID ;

**Oracle Apex Output Snapshot:**



***6. Display the territory ID and the number of salespersons in the territory for all territories that have more than one salesperson. Label the number of salespersons NumSalesPersons.***

**SQL Command:**

SELECT TERRITORY\_T.TERRITORYID, COUNT(SALESPERSON\_T.SALESPERSONID) AS NumSalesPersons

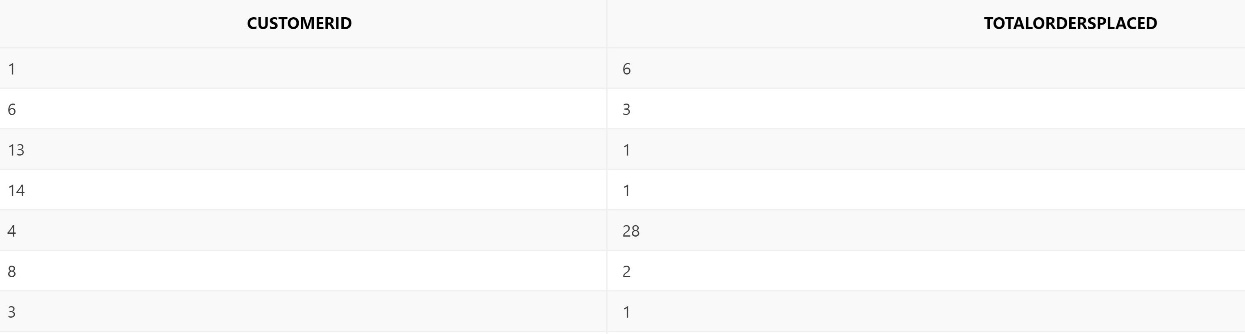
FROM TERRITORY\_T INNER JOIN SALESPERSON\_T ON

TERRITORY\_T.TERRITORYID = SALESPERSON\_T.SALESTERRITORYID

GROUP BY TERRITORY\_T.TERRITORYID

HAVING COUNT(SALESPERSON\_T.SALESPERSONID)>1 ;

**Oracle Apex Output Snapshot:**

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***7. Write an SQL query to display each item ordered for order number 1, its standard price, and the total price for each item ordered***

**SQL Command:**

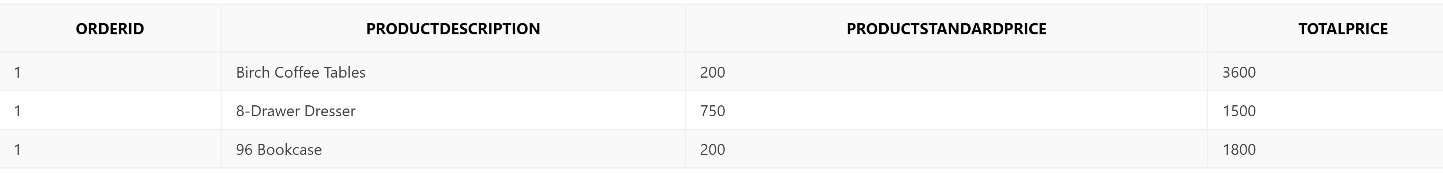
SELECT ORDERLINE\_T.ORDERID, PRODUCT\_T.PRODUCTDESCRIPTION, PRODUCT\_T.PRODUCTSTANDARDPRICE,(ORDERLINE\_T.ORDEREDQUANTITY\*PRODUCT\_T.PRODUCTSTANDARDPRICE) AS TOTALPRICE

FROM ORDERLINE\_T INNER JOIN PRODUCT\_T ON

ORDERLINE\_T.PRODUCTID = PRODUCT\_T.PRODUCTID

WHERE ORDERLINE\_T.ORDERID=1;

**Oracle Apex Output Snapshot:**

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