1. Write a SQL to get all products that got sold, both the days and number of times the product is sold.

Data set:

A screenshot of a social media post

Description automatically generated

Expected result:

A screenshot of a cell phone

Description automatically generated

Answer.

SELECT PRODUCT\_ID, COUNT(\*) FROM ORDER

GROUP BY PRODUCT\_ID

1. From the orders table, get the product that was ordered on the 02-JUL-11 and not on the 01-JUL-11.

Data set:

A close up of a telephone

Description automatically generated

Expected result:

A screenshot of a cell phone

Description automatically generated

Answer:

SELECT PRODUCT\_ID FROM ORDERS

WHERE ORDER\_DAY = ‘2011-07-02’

AND PRODUCT\_ID NOT IN (SELECT PRODUCT\_ID FROM ORDERS

WHERE ORDER\_DAY = ‘2011-07-01’)

1. Using the same data set, get me the highest sold product (quantity\*price) on both days

Data set:

A close up of a telephone

Description automatically generated

Expected result:

A screenshot of a cell phone

Description automatically generated

Answer:

SELECT ORDER\_DAY AS DATE, PRODUCT\_ID, MAX(SUM\_AMOUNT)

FROM(

SELECT ORDER\_DAY, PRODUCT\_ID, SUM(SOLD\_AMOUNT) AS SUM\_AMOUNT

FROM(

SELECT ORDER\_DAY, PRODUCT\_ID, QUANTITY\*PRICE AS SOLD\_AMOUNT FROM ORDERS)

GROUP BY ORDER\_DAY, PRODUCT\_ID

) GROUP BY ORDER\_DAY, PRODUCT\_ID