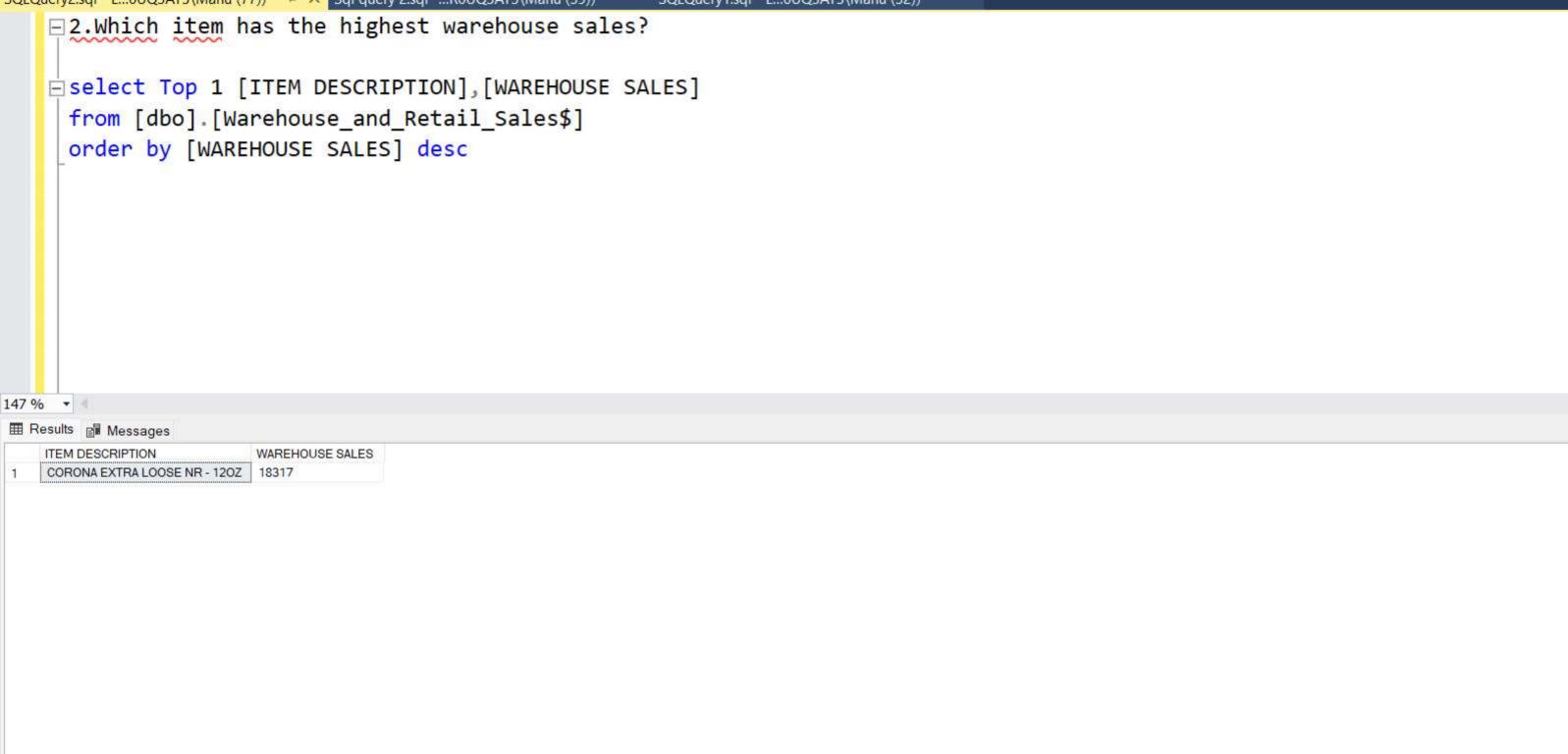```sql
1.What are the total retail sales for each supplier?

select [SUPPLIER], sum([RETAIL SALES]) as Total_Retail_sales
from [dbo].[Warehouse_and_Retail_Sales$]
group by [SUPPLIER]
order by Total_Retail_sales desc
```

147 %

Results | Messages

| | SUPPLIER | Total_Retail_sales |
|---|---|---|
| 1 | E & J GALLO WINERY | 25966.95 |
| 2 | DIAGEO NORTH AMERICA INC | 22946.37 |
| 3 | CONSTELLATION BRANDS | 18968.98 |
| 4 | ANHEUSER BUSCH INC | 15963.13 |
| 5 | JIM BEAM BRANDS CO | 15110.61 |
| 6 | CROWN IMPORTS | 14002.03 |
| 7 | SAZERAC CO | 12953.74 |
| 8 | MILLER BREWING COMPANY | 12108.67 |
| 9 | BACARDI USA INC | 10578.82 |
| 10 | THE WINE GROUP | 10142.53 |
| 11 | BOSTON BEER CORPORATION | 9793.73 |
| 12 | HEAVEN HILL DISTILLERIES INC | 9479.72 |
| 13 | PERNOD RICARD USA LLC | 8969.26 |
| 14 | FIFTH GENERATION INC | 8392.31 |
| 15 | HEINEKEN USA | 7860.47 |
| 16 | BROWN-FORMAN BEVERAGES WORLDWIDE | 7716.73 |
| 17 | SOUTHERN GLAZERS WINE AND SPIRITS | 7380.83000000008 |

2.Which item has the highest warehouse sales?

```sql
select Top 1 [ITEM DESCRIPTION],[WAREHOUSE SALES]
from [dbo].[Warehouse_and_Retail_Sales$]
order by [WAREHOUSE SALES] desc
```

147 %

Results | Messages

ITEM DESCRIPTION	WAREHOUSE SALES
CORONA EXTRA LOOSE NR - 12OZ	18317

3.What is the total sales (retail + warehouse) per item type?

```sql
select [ITEM TYPE],
  sum([RETAIL SALES])as TotalRetail,
  sum([WAREHOUSE SALES])as TotalWarehouse,
  sum([RETAIL SALES]+[WAREHOUSE SALES]) as Total_sales
  from [dbo].[Warehouse_and_Retail_Sales$]
  group by [ITEM TYPE]
  order by Total_sales desc
```

147 %

Results | Messages

	ITEM TYPE	TotalRetail	TotalWarehouse	Total_sales
1	BEER	91947.1599999998	1032102.59	1124049.75
2	WINE	110193.010000005	196010.86	306203.869999995
3	LIQUOR	137210.449999999	13029.24	150239.69
4	NON-ALCOHOL	9055.82	3592.63	12648.45
5	KEGS	0	11401	11401
6	STR_SUPPLIES	374.23	0	374.23
7	REF	46.27	-1361	-1314.73
8	DUNNAGE	0	-12853	-12853

4. Which month had the highest retail transfers?

```sql
select [MONTH],sum ([RETAIL TRANSFERS]) as Total_transfers
from [dbo].[Warehouse_and_Retail_Sales$]
group by [MONTH]
order by Total_transfers
```

147 %

Results | Messages

	MONTH	Total_transfers
1	9	68215.08
2	1	75997.3499999999
3	7	82706.57
4	3	110598.89

5.Which suppliers have sold more than a certain threshold in retail sales?

```sql
select [SUPPLIER], sum([RETAIL SALES]) AS Totalretailsales
FROM [dbo].[Warehouse_and_Retail_Sales$]
group by [SUPPLIER]
having sum([RETAIL SALES]) > 1000
order by Totalretailsales desc
```

147 %

Results   Messages

	SUPPLIER	Totalretailsales
1	E & J GALLO WINERY	25966.95
2	DIAGEO NORTH AMERICA INC	22946.37
3	CONSTELLATION BRANDS	18968.98
4	ANHEUSER BUSCH INC	15963.13
5	JIM BEAM BRANDS CO	15110.61
6	CROWN IMPORTS	14002.03
7	SAZERAC CO	12953.74
8	MILLER BREWING COMPANY	12108.67
9	BACARDI USA INC	10578.82
10	THE WINE GROUP	10142.53
11	BOSTON BEER CORPORATION	9793.73
12	HEAVEN HILL DISTILLERIES INC	9479.72
13	PERNOD RICARD USA LLC	8969.26
14	FIFTH GENERATION INC	8392.31
15	HEINEKEN USA	7860.47
16	BROWN-FORMAN BEVERAGES WORLDWIDE	7716.73
17	SOUTHERN GLAZERS WINE AND SPIRITS	7380.83000000008

```sql
6.Which supplier provides the highest number of different items?


select  SUPPLIER,count(distinct [ITEM CODE]) as unique_item
from [dbo].[Warehouse_and_Retail_Sales$]
group by SUPPLIER
order by unique_item desc
```

147 %

▦ Results ▥ Messages

	SUPPLIER	unique_item
1	THE COUNTRY VINTNER, LLC DBA WINEBOW	1244
2	REPUBLIC NATIONAL DISTRIBUTING CO	1129
3	LEGENDS LTD	918
4	MONSIEUR TOUTON SELECTION	721
5	SOUTHERN GLAZERS WINE AND SPIRITS	694
6	E & J GALLO WINERY	465
7	BACCHUS IMPORTERS LTD	437
8	RELIABLE CHURCHILL LLLP	386
9	OPICI FAMILY DISTRIBUTING OF MD	343
10	PRESTIGE BEVERAGE GROUP OF MD LLC	336
11	ROYAL WINE CORP	332
12	DIAGEO NORTH AMERICA INC	328
13	CONSTANTINE WINES INC	323
14	DIONYSOS IMPORTS INC	317
15	BACKUP BEVERAGE	303
16	CONSTELLATION BRANDS	280
17	ANHEUSER BUSCH INC	270

```sql
7. What is the average retail sales per item type?

select [ITEM TYPE], avg([RETAIL SALES]) as avg_retailsales
from [dbo].[Warehouse_and_Retail_Sales$]
group by [ITEM TYPE]
order by avg_retailsales desc
```

147 %

Results | Messages

	ITEM TYPE	avg_retailsales
1	NON-ALCOHOL	27.3589728096677
2	LIQUOR	14.2186994818652
3	BEER	14.1435409936933
4	REF	4.627
5	STR_SUPPLIES	4.45511904761905
6	WINE	3.97665138939028
7	DUNNAGE	0
8	KEGS	0

```sql
8. What is the total sales of each supplier per year?

select [YEAR],  [SUPPLIER],
       sum([RETAIL SALES] + [WAREHOUSE SALES]) AS Total_Sales
from [dbo].[Warehouse_and_Retail_Sales$]
group by [YEAR], SUPPLIER
order by [YEAR], Total_Sales desc
```

147 %

Results | Messages

	YEAR	SUPPLIER	Total_Sales
1	2020	CROWN IMPORTS	272217.94
2	2020	ANHEUSER BUSCH INC	225081.61
3	2020	MILLER BREWING COMPANY	205171.86
4	2020	HEINEKEN USA	131598.08
5	2020	BOSTON BEER CORPORATION	64477.42
6	2020	E & J GALLO WINERY	57413.87
7	2020	DIAGEO NORTH AMERICA INC	55577.32
8	2020	CONSTELLATION BRANDS	39228.88
9	2020	MARK ANTHONY BRANDS INC	32970.89
10	2020	FLYING DOG BREWERY LLLP	27992.23
11	2020	YUENGLING BREWERY	25411.94
12	2020	THE WINE GROUP	22950.54
13	2020	LEGENDS LTD	18034.14
14	2020	SUTTER HOME WINERY INC	16436.71
15	2020	JIM BEAM BRANDS CO	16099.29
16	2020	PABST BREWING CO	15841.56
17	2020	SAZERAC CO	15778.99

9. Which items have sales in both retail and warehouse categories?

```sql
select [ITEM DESCRIPTION]
from [dbo].[Warehouse_and_Retail_Sales$]
where [RETAIL SALES] >0 and [WAREHOUSE SALES] >0
```

147 %

⊞ Results   ⊞ Messages

	ITEM DESCRIPTION
1	HARTFORD COURT R/R CHARD - 750ML
2	HARTFORD COURT R/R P/NOIR - 750ML
3	ORNELLAIA LE VOLTE - 750ML
4	CRUZAN RUM - CITRUS - 750ML
5	FOX BROOK P/GRIG - 750ML
6	CARPANO ANTICA FORMULA VERM - 1L
7	CANTINA GABRIELE DOLCEMENTE - 750ML
8	BARKAN CLASSIC P/NOIR - 750ML
9	IL TRAMONTO LIMONCELLO - 750ML
10	AVION TEQ SILVER - 750ML
11	MATUA VALLEY S/BLC - 750ML
12	EFFEN VODKA - CUCUMBER - 750ML
13	STONESTREET ESTATE CAB - 750ML
14	PETER VELLA DELICIOUS WHITE - 5L
15	FRANCISCAN RED M/TAGE MAGNIFICAT - 750ML
16	CARPANO PUNT ES MES SWT VERM - 750ML
17	JAGERMEISTER LIQUEUR - 1L

```sql
10. Which month had the lowest total sales (retail + warehouse)?

select [MONTH],
sum([RETAIL SALES] + [WAREHOUSE SALES]) as Total_sales
from  [dbo].[Warehouse_and_Retail_Sales$]
group by [MONTH]
```

147 %

Results | Messages

	MONTH	Total_sales
1	3	426864.269999999
2	7	512633.379999997
3	9	292818.12
4	1	358433.489999998