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-- ANS 1
select P.ProductID, P.Name, P.Color, P.ListPrice
from Production.Product P
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-- ANS 2
select P.ProductID, P.Name, P.Color, P.ListPrice
from Production.Product P
where P.ListPrice = 0
```

```
-- ANS 3
select P.ProductID, P.Name, P.Color, P.ListPrice
from Production.Product P
where P.Color is null
```

```
-- ANS 4
select P.ProductID, P.Name, P.Color, P.ListPrice
from Production.Product P
where P.Color is not null
```

```
-- ANS 5
select P.ProductID, P.Name, P.Color, P.ListPrice
from Production.Product P
where P.Color is not null and P.ListPrice > 0
```

```
-- ANS 6
select P.Name, P.Color
from Production.Product P
where P.Color is not null
```

```
-- ANS 7
select P.Name, P.Color
from Production.Product P
where P.Color is not null
```

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-- ANS 8
select P.ProductID, P.Name
from Production.Product P
where P.ProductID between 400 and 500
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-- ANS 9
select P.ProductID, P.Name, P.Color
from Production.Product P
where P.Color = 'Black' or P.Color = 'Blue'
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-- ANS 10
select P.Name
from Production.Product P
where P.Name like 'S%'
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-- ANS 11
select P.Name, P.ListPrice
from Production.Product P
where P.Name like 'S%'
order by P.Name
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-- ANS 12
select P.Name, P.ListPrice
from Production.Product P
where P.Name like 'S%' or P.Name like 'A%'
order by P.Name
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-- ANS 13
select P.Name, P.ListPrice
from Production.Product P
where P.Name like 'SP0%' and P.Name not like 'SPOK%'
order by P.Name

-- ANS 14
select distinct P.Color
from Production.Product P
order by P.Color desc

-- ANS 15
select distinct P.ProductSubcategoryID, P.Color
from Production.Product P
where P.ProductSubcategoryID is not null and P.Color is not null

-- ANS 16 revise the where clause
SELECT ProductSubCategoryID
      , LEFT([Name],35) AS [Name]
      , Color, ListPrice
FROM Production.Product
WHERE Color IN ('Red','Black')
      AND (ProductSubCategoryID != 1 OR ListPrice BETWEEN 1000 AND 2000)
ORDER BY ProductSubCategoryID

-- ANS 17
SELECT ProductSubCategoryID
      , LEFT([Name],35) AS [Name]
      , Color, ListPrice
FROM Production.Product
WHERE (ProductSubCategoryID = 14 AND Color = 'Red'
      AND ListPrice BETWEEN 1000 AND 2000 OR [Name] LIKE 'H%Black, 58')
      OR (ProductSubCategoryID = 12 AND Color = 'Silver' AND ListPrice BETWEEN 1000 AND 2000)
      OR (ProductSubCategoryID = 2 AND Color = 'Yellow' AND ListPrice BETWEEN 1500 AND 2000)
      OR (ProductSubCategoryID = 1 AND Color = 'Black' AND ListPrice < 600)
ORDER BY ProductSubCategoryID DESC

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	ProductSubCategoryID	Name	Color	ListPrice
1	14	HL Road Frame - Black, 58	Black	1431.50
2	14	HL Road Frame - Red, 58	Red	1431.50
3	14	HL Road Frame - Red, 62	Red	1431.50
4	14	HL Road Frame - Red, 44	Red	1431.50
5	14	HL Road Frame - Red, 48	Red	1431.50
6	14	HL Road Frame - Red, 52	Red	1431.50
7	14	HL Road Frame - Red, 56	Red	1431.50
8	12	HL Mountain Frame - Silver, 42	Silver	1364.50
9	12	HL Mountain Frame - Silver, 44	Silver	1364.50
10	12	HL Mountain Frame - Silver, 48	Silver	1364.50
11	12	HL Mountain Frame - Silver, 46	Silver	1364.50
12	12	HL Mountain Frame - Silver, 38	Silver	1364.50
13	2	Road-350-W Yellow, 40	Yellow	1700.99
14	2	Road-350-W Yellow, 42	Yellow	1700.99
15	2	Road-350-W Yellow, 44	Yellow	1700.99
16	2	Road-350-W Yellow, 48	Yellow	1700.99
17	1	Mountain-500 Black, 40	Black	539.99
18	1	Mountain-500 Black, 42	Black	539.99
19	1	Mountain-500 Black, 44	Black	539.99
20	1	Mountain-500 Black, 48	Black	539.99
21	1	Mountain-500 Black, 52	Black	539.99