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SEP Full Stack Developer 2 Weeks Program VA 2024 batch

Assignment 1

Date: 11/26/2024

Write queries for following scenarios - Using AdventureWorks Database

1Q: SELECT ProductID, Name, Color, ListPrice

FROM Production.Product;

2Q: SELECT ProductID, Name, Color, ListPrice

FROM Production.Product Where ListPrice > 0;

3Q: SELECT ProductID, Name, Color, ListPrice

FROM Production.Product Where Color IS NULL;

4Q: SELECT ProductID, Name, Color, ListPrice

FROM Production.Product Where Color != NULL;

5Q: SELECT ProductID, Name, Color, ListPrice

FROM Production.Product Where Color != NULL AND ListPrice > 0 ;

6Q: SELECT Name + ‘ ‘ + Color As Name/Color

FROM Production.Product Where Color != NULL;

7Q: SELECT Name + ‘ ‘ + Color As Name/Color AS Result

FROM Production.Product

WHERE (Name = 'LL Crankarm' AND Color = 'Black')

OR (Name = 'ML Crankarm' AND Color = 'Black')

OR (Name = 'HL Crankarm' AND Color = 'Black')

OR (Name = 'Chainring Bolts' AND Color = 'Silver')

OR (Name = 'Chainring Nut' AND Color = 'Silver')

OR (Name = 'Chainring' AND Color = 'Black');

8Q: SELECT ProductID, Name FROM Production.Product Where ProductID Between >= 400 AND ProductID < 500;

9Q: SELECT ProductID, Name, Color

FROM Production.Product Where Color IN (‘Black’, ‘Blue’);

10Q: SELECT Name, ListPrice

FROM Production.Product Where Name Like ‘S%’;

11Q: SELECT ProductID, Name

FROM Production.Product OrderBy Name;

12Q: SELECT ProductID, Name

FROM Production.Product OrderBy Name Where Name Like ‘A%’ OR Name Like ‘S%’ Order By Name;

13Q: SELECT Name

FROM Production.Product Where Name Like [‘SPO%’] AND Name NOT Like [‘SPOK%’] Order By Name;

14Q: Select DISTINCT Color From Production.Product Order By Color DESC;