1. Write syntax to print all data for dbo.customers table for the country USA,France,Germany.
2. Write syntax to print count of customer in dbo.customers table who lives in USA.
3. Write syntax to print count of unique ProductName in dbo.products table.
4. Write syntax to print ProductName from dbo.products table in descending order.
5. Write syntax to print ProductName from dbo.products for which SupplierID and CategoryID is not equal.
6. Write syntax to print ProductName from dbo.products for which categoryID is greater than 1 and less than 6 and Price is between 18 to 40.
7. Write syntax to create “Batch8” table and insert value like below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Addr** | **Age** | **Weight\_In\_Kg** |
| 1 | Sunil | Punjab | 35 | 80 |
| 2 | Saket | Delhi | 44 | 75 |
| 3 | Sunita | Mumbai | 30 | 65 |
| 4 | Rajesh | Hyderabad | 45 | 70 |
| 5 | Gopal | Hyderabad | 35 | 75 |

1. Write syntax to print max age from dbo.Batch8 table.
2. Write syntax to print average weight from dbo.Batch8 table.
3. Write syntax to print first 3 records from dbo.Batch8 table.
4. Write syntax to create “dbo.Educations” table as mentioned below and insert data into that.

|  |  |  |
| --- | --- | --- |
| **ID** | **Education** | **Passyear** |
| 1 | MCA | 2009 |
| 2 | Btech | 2002 |
| 3 | MScIT | 2008 |
| 4 | Mphil | 2001 |
| 5 | LLB | 2003 |

Write syntax for Inner Join/Left Join/Right Join/Full Join where left table is dbo.Batch8 and right table is “dbo. Educations”

1. Write syntax to create table dbo.Batch8PK with below column. Where ID will be as Primary Key.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Addr** | **Age** | **Weight\_In\_Kg** |

1. Write syntax to create table dbo.EducationsPK with below column. Where ID will be as Foreign Key and will take reference from dbo.Batch8PK.

|  |  |  |
| --- | --- | --- |
| **ID** | **Education** | **Passyear** |

1. Write list of SQL Constraint with an example written in SQL Syntax.