**SQL Skills Test  
Basic-Intermediate**

***Instructions:*** *Please answer the following questions by writing SQL queries based on the AdventureWorks database.   
  
You can download the version of the AventureWorks database for the version of SQL that you are using on the below link. Please note you should only use/download the OLTP version of the database:*[*https://learn.microsoft.com/en-us/sql/samples/adventureworks-install-configure?view=sql-server-ver16&tabs=ssms*](https://learn.microsoft.com/en-us/sql/samples/adventureworks-install-configure?view=sql-server-ver16&tabs=ssms)

*You may assume the existence of appropriate tables with the given names and columns in the database.   
Write the query/queries to retrieve the requested information.*

1. Write a SQL query to retrieve the first 10 rows from the "Person.Person" table.

2. Write a SQL query to retrieve the names of all products from the "Production.Product" table.

3. Write a SQL query to retrieve the total number of employees in each department from the "HumanResources.Employee" table. The result should include the department name and the count.

4. Write a SQL query to retrieve the list of countries and their corresponding currency codes from the "Person.CountryRegion" and "Person.CurrencyRate" tables. The result should include the country name and the currency code.

5. Write a SQL query to retrieve the average list price of products by category from the "Production.Product" table. The result should include the category name and the average list price.

6. Write a SQL query to retrieve the names of employees who have a job title of 'Sales Representative' from the "HumanResources.Employee" and "HumanResources.EmployeeDepartmentHistory" tables. The result should include the employee name.

7. Write a SQL query to retrieve the top 5 orders with the highest order totals from the "Sales.SalesOrderHeader" table. The result should include the order number and the order total, sorted in descending order.

8. Write a SQL query to retrieve the names of employees who do not have a manager assigned. The result should include the employee name and the job title from the "HumanResources.Employee" table.

9. Write a SQL query to retrieve the names of customers who have made a purchase in the year 2022 from the "Sales.Customer" and "Sales.SalesOrderHeader" tables. The result should include the customer name.

10. Write a SQL query to retrieve the product names and their corresponding list prices for products with a list price greater than $100 from the "Production.Product" table.

Please provide your SQL queries as the answers to the above questions.