1. Create a new table Production.ProductsHistory that will be used to store the history of changes in Production.Products. The history table should include the following columns: ID (primary key, identity); Action (varchar, will contain an action type Insert, Update or Delete); ModifiedDate (datetime); productid (the productid value from original Production.Products table); UserName (the name of user who applied changes). Create other columns if you think they are reasonable.

Create a trigger for the INSERT, UPDATE and DELETE operations for the Production.Products table to save history of changes to the Production.ProductsHistory table.

Try to insert, update or delete rows in the Production.Products. Verify the Production.ProductsHistory was populated. Try to affect several records in one operation (for example update 5 records in one UPDATE statement and verify all 5 records were added to the history).

1. Create a view to show all columns from Production.Products table. Try to insert, update or delete records from the view. Verify applied changes were saved to the history table.
2. Create a view to show data from Production.Categories, Production.Products and Production.Suppliers tables. Prevent other users to see the source code of the view.
3. Try to insert, update or delete data from the view. Make it possible to perform these operations through the Instead of trigger.