**CREATE** **TABLE** mindbox.Products (

ProductID **INT** **NOT** **NULL**,

ProductName **varchar**(100) **NULL**,

**CONSTRAINT** Products\_pk **PRIMARY** **KEY** (ProductID)

)

**CREATE** **TABLE** mindbox.Categories (

CategoryID **INT** **NOT** **NULL**,

CategoryName **varchar**(100) **NULL**,

**CONSTRAINT** Categories\_pk **PRIMARY** **KEY** (CategoryID)

)

**CREATE** **TABLE** mindbox.ProductCategories (

ProductID **INT** **NOT** **NULL**,

CategoryID **INT** **NOT** **NULL**,

**CONSTRAINT** ProductCategories\_products\_FK **FOREIGN** **KEY** (ProductID) **REFERENCES** mindbox.products(ProductID),

**CONSTRAINT** ProductCategories\_categories\_FK **FOREIGN** **KEY** (CategoryID) **REFERENCES** mindbox.categories(CategoryID)

)

Query:

SELECT

p.ProductName,

c.CategoryName

FROM

Products p

LEFT JOIN

ProductCategories pc ON p.ProductID = pc.ProductID

LEFT JOIN

Categories c ON pc.CategoryID = c.CategoryID;