Session 3-2 Exercises v04

**First Search Example**  
Provide a Search on the ProductName field of table Products.  
JPC will demonstrate this in class before you do the activity.

Example code:

Achieved by modifying method "Index" in "ProductsControllers":

// GET: Products

public IActionResult Index(string searchString)

{

string sql = "SELECT \* FROM Products WHERE ProductName LIKE @p0";

searchString = "%" + searchString + "%";

List<Products> products = \_context.Products.FromSql(sql, searchString).ToList();

return View(products);

}

Note the need in the above code to use LIKE rather than the equals sign.  
In a separate line of code we add the wildcard "%" before and after searchString   
to specify that we are looking for ProductNames which contain searchString.

Test with this test URL

GET Products/Index?searchString=gum

Note that the "routing" alternative URL style is not working here.

(NOT working) GET Products/Index/gum

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**Search Questions**

Provide a Search on the QuantityPerUnit of table Products  
You can adapt the above ProductsController example for this.

Provide a Search on both FirstName and LastName fields of table Employees  
You will need a new controller for this.

Provide a Search on the CompanyName field of table Customers  
You will need a new controller for this.