September 14, 2022

Text

Description automatically generated

September 16, 2022

Note: Have a milestone and issue done by Sunday 7pm

Aggregates – Student notes LINQ - More Method Syntax

* Create a milestone and create issues for exercise.
* Create 6 individual issues for each individual question in a Milestone

Commit #n …………….

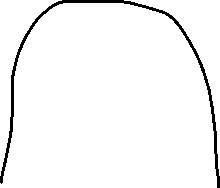
Close n

September 19, 2022



Grouping: <https://dmit-2018.github.io/demos/eRestaurant/linq/LinqPad/expressions.html>

Big pile of data (b p d) can be groups based on field. Therefore, you can create multiple group of data for different field(s)



Question 4 & 6 grouping

September 21, 2022

Conversion: <https://dmit-2018.github.io/demos/eRestaurant/linq/extensions.html#conversions>

List: data is in memory. No conversion from sql

Timeline

Description automatically generated

Convert to strongly typed data type

Firstor deault: <https://dmit-2018.github.io/demos/eRestaurant/linq/extensions.html#selection-filters>

First will give you first record….what if there is no records (and if you do if else for comparison) then it throws an error….default will give null ( default of object is null) then we can compare null

September 23, 2022

Go over Question 5 (need to use multi query --- reference to inclass example)

You can solve a problem with two queries. One query to get vital information and then run second to get to answer

Rest of class for assignment

September 26, 2022

Any or All examples

--🡪 DOTNETTUTORIALs <https://dotnettutorials.net/lesson/introduction-to-linq/>

Msft doc:

<https://learn.microsoft.com/en-us/dotnet/api/system.linq.enumerable.except?view=net-7.0>

except is useful for simple dataset like numbers. Any or All works for complex dataset like songs.

Transactions

A transaction changes the contents of a Table/Records

DML commands Insert, Update and Delete

Single Change in a record either worked or not

Multiple changes in a record then need to determine commit and rollback (1 commit for whole change but many rollbacks)

How many rollback executes? One as after one fails, it rollbacks

When we get into Business Logic Service Method

Method signature

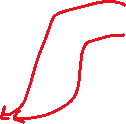
Throw exception



Throw exception



Throw exception



.SaveChange()

