DN LINQ Entity FW DQ S2 Day 2

##### Q.**Identify the extension method that needs to be called to execute a linq query parallely:**

**1)**. **AsParallel()**

**2)**. RunAsParallel()

**3)**. **Parallel()**

**4)**. None of the above

**Solution** :  
option [1] is correct

**Attempted** :  
option [3] is attempted

##### Q.**The DbContext class is in \_\_\_\_\_\_\_\_\_\_\_ namespace.**

**1)**. System.Data

**2)**. System.Data.Linq

**3)**. System.Data.Objects

**4)**. **System.Data.Entity**

**Solution** :  
option [4] is correct

**Attempted** :  
option [4] is attempted

##### Q.**Are the following statements true or false: 1: LINQ provides a unified programming model to different data domains for data management. 2: LINQ query is set of framework features for structured type-safe queries.**

**1)**. **Both statements are true**

**2)**. Both statements are false

**3)**. Statement 2 is false and statement 1 is true

**4)**. Statement 1 is false and statement 2 is true

**Solution** :  
option [1] is correct

**Attempted** :  
option [1] is attempted

##### Q.**To enable Lazy Loading of POCO in your context \_\_\_\_\_\_\_\_\_ property needs to be set.**

**1)**. EnableLazyLoading

**2)**. **LazyLoadingEnabled**

**3)**. EnableLazyLoad

**4)**. LazyLoadEnabled

**Solution** :  
option [2] is correct

**Attempted** :  
option [2] is attempted

##### Q.**Consider the following code and identify the statement which are true? using  System; class OrderDemo {         static void Main()         {                      string[] englishletters = {"d","c","a","b"};                      var sorted = from englishletter in engilshletters                      orderby englishletter                      select englishletter;                      foreach(string value in sorted)                      {                              Console.WriteLine(value);                      }         } }**

**1)**. The foreach loop is responsible for sorting the englishletters

**2)**. **The output will be in descending order**

**3)**. **sorted is an IEnumberable<string>**

**4)**. **englishletters is an unsorted array**

##### Q.**Identify the correct statements about edmx file in entity framework: A: It contains designer and code files B: It is not required in code-first development approach**

**1)**. **Statement A is true  
Statement B is false**

**2)**. Statement A is false  
Statement B is true

**3)**. **Both are true**

**4)**. Both are false

**Solution** :  
option [3] is correct

**Attempted** :  
option [1] is attempted

##### Q.**Identify the property of datacontext that needs to modified to disable lazyloading featured  of entity framework:**

**1)**. LazyLoading=false

**2)**. **LazyLoadingEnabled=false**

**3)**. EnableLazyLoading=false

**4)**. DisableLazyLoading=true

**Solution** :  
option [2] is correct

**Attempted** :  
option [2] is attempted

##### Q.**Identify the type of collection which is returned by LINQ to Entitles queries:**

**1)**. **IEnumberable<T>**

**2)**. ICollection<T>

**3)**. **IQueryable<T>**

**4)**. None of the above

**Solution** :  
option [3] is correct

**Attempted** :  
option [1] is attempted

##### Q.**In Code First Approach of Entity Framework the custom Context class which we create should  inherit from which base class?**

**1)**. DataContext

**2)**. DbSet

**3)**. **DbContext**

**4)**. **DbSet<T>**

**Solution** :  
option [3] is correct

**Attempted** :  
option [4] is attempted

DN LINQ Entity FW DQ S2 Day 1

##### Q.**Identify the different types of properties that can be created for a model in entity framework:**

**1)**. Scalar

**2)**. Navigation

**3)**. None of these

**4)**. **Both Scalar and Navigation**

**Solution** :  
option [4] is correct

**Attempted** :  
option [4] is attempted

##### Q.**Consider the following code and identify the statements which are true? List<string> vegetables = new List<string> {"Tomatoes","Potatoes","Onions"}; string matchingVeggie = vegetables.Find(Name => Name.StartsWith("O"));**

**1)**. **Name is function argument and it could have been named as "V" or "Veg" or anything else**

**2)**. **Name => Name.StartsWith("O")is Lambda expression**

**3)**. Name => Name.StartsWith("O")is not Lambda expression

**4)**. **The Find function runs the lambda expression against each list item until a match is found**

**Solution** :  
option [1,2,4] are correct

**Attempted** :  
option [1,2,4] are attempted

##### Q.**Arrange the following LINQ keywords in the correct logical order:**

### Attempted

1. from

2. in

3. groupby

4. orderby

5. select

### Solution

1. from

2. in

3. orderby

4. groupby

5. select

##### Q.**Which of the following entity framework approach should be used for  Domain Driven Development?**

**1)**. Database first

**2)**. Model first

**3)**. **Code first**

**4)**. None of the above

**Solution** :  
option [3] is correct

**Attempted** :  
option [3] is attempted

##### Q.**Which of the following entity framework approach should be used for  Domain Driven Development?**

**1)**. Database first

**2)**. Model first

**3)**. **Code first**

**4)**. None of the above

**Solution** :  
option [3] is correct

**Attempted** :  
option [3] is attempted

##### Q.**All LINQ query options follow these steps. Identify the option which shows the order of Action:**

### Attempted

1. Obtain the Data Source

2. Create the query

3. Execute the query

### Solution

1. Obtain the Data Source

2. Create the query

3. Execute the query

##### Q.**When will the linq queries get executed?**

**1)**. When foreach loop is executed on range variable

**2)**. When ToArray() method is called on range variable

**3)**. When ToList() method is called on range variable

**4)**. **All the above**

**Solution** :  
option [4] is correct

**Attempted** :  
option [4] is attempted

##### Q.**LINQ relies on the concepts of extension methods, anonymous types, anonymous methods  and \_\_\_\_\_\_\_\_\_\_.**

**1)**. xml expressions

**2)**. data expressions

**3)**. **lambda expressions**

**4)**. sql expressions

**Solution** :  
option [3] is correct

**Attempted** :  
option [3] is attempted

##### Q.**Identify the correct statements about conceptual model in entity framework: A: It models classes and their relationships B: It is dependent on database**

**1)**. **Statement A is true  
Statement B is false**

**2)**. Statement A is false  
Statement B is true

**3)**. Both are true

**4)**. Both are false

**Solution** :  
option [1] is correct

**Attempted** :  
option [1] is attempted

##### Q.**Which of the following methods throws an exception if there are zero or more than  one element in a collection?**

**1)**. First()

**2)**. **Single()**

**3)**. Both of the above

**4)**. **None of the above**

**Solution** :  
option [2] is correct

**Attempted** :  
option [4] is attempted