|  |
| --- |
| How can LINQ queries be performed against multiple tables in a DataSet?  1.Cannot be performed  2.By using Join operator  3.By using GroupBy operator  4.By using GroupJoin operator |
| |  |  | | --- | --- | |  | 3&4 | |  | 1&3&4 | |  | 2&4 | |  | 1&3 | |
| How can you load data into a DataSet so that it can be queried using LINQ?  1.By using DataAdapter Class  2.By using LINQ to DataSet  3.By Using LINQ to SQL  4.By using LINQ to XML |
| |  |  | | --- | --- | |  | 1&3 | |  | 2&4 | |  | 1&4 | |  | 2&3 | |
| Carefully read the question and answer accordingly. What are the forms in which LINQ queries can be created?  1.Relational data syntax  2.Intrinsic data syntax  3.Query-Expression syntax  4.Method-based query syntax |
| |  |  | | --- | --- | |  | 3&4 | |  | 1&2 | |  | 1&3 | |  | 2&3 | |
| On which datasources do LINQ queries work?  1.Datasources that implement IEnumerable<T> interface  2.Datasources that implement IQueryable interface  3.Datasources that implement IQuery interface  4.Datasources that implement IAccess interface |
| |  |  | | --- | --- | |  | 1&3 | |  | 2&4 | |  | 3&4 | |  | 1&2 | |
| Carefully read the question and answer accordingly. What does the following code denote?  DataSet ds = new DataSet();  ds.Locale = CultureInfo.InvariantCulture;  FillDataSet(ds);  DataTable orders = ds.Tables["SalesOrderHeader"];  DataTable details = ds.Tables["SalesOrderDetail"];  var query =  from order in orders.AsEnumerable()  join detail in details.AsEnumerable()  on order.Field<int>("SalesOrderID") equals  detail.Field<int>("SalesOrderID")  where order.Field<bool>("OnlineOrderFlag") == true  && order.Field<DateTime>("OrderDate").Month == 8  select new  {  SalesOrderID =  order.Field<int>("SalesOrderID"),  SalesOrderDetailID =  detail.Field<int>("SalesOrderDetailID"),  OrderDate =  order.Field<DateTime>("OrderDate"),  ProductID =  detail.Field<int>("ProductID")  };  1.Following code is an example of single table query using LINQ  2.Following code is an example of multiple table query using LINQ  3.AsEnumerable method of DataTables is called  4.AsEnumerable method of DataSets is called |
| |  |  | | --- | --- | |  | 2&3 | |  | 1&4 | |  | 1&3&4 | |  | 1&4 | |
| Carefully read the question and answer accordingly. What does the following code denote?  var query = from o in orders  where o.OnlineOrderFlag == true  select new { o.SalesOrderID,  o.OrderDate,  o.SalesOrderNumber };  1.Usage of LINQ to query DataSets  2.Usage of LINQ to query Typed.DataSets  3.Usage of LINQ to query Multiple tables  4.Usage of LINQ to query a Single table |
| |  |  | | --- | --- | |  | 3&1 | |  | 2&3 | |  | 2&4 | |  | 1&4 | |
| Carefully read the question and answer accordingly. What does the following code denote?  List<Patient> patients = new List<Patient>  {  new Patient { Doctor = “Michael”, Name = “George” },  new Patient { Doctor = “Simpson”, Name = “Katy” },  new Patient { Doctor = “Michael”, Name = “Sara” }  };  var patientsAndDoctors = from doctor in hospitalStaff join patient in patients on doctor.Name equals patient.Doctor select new { Doctor = doctor.Name, Patient = patient.Name };  1.The following code is an example of Database query  2.The following code is an example of LINQ query  3.The following code shows the syntax for Ordering data  4.The following code shows the syntax for Grouping data  5.The following code shows the syntax for Joining data |
| |  |  | | --- | --- | |  | 2&4 | |  | 1&2&3 | |  | 2&5 | |  | 1&3&4&5 | |  | 1&2 | |
| Carefully read the question and answer accordingly. What does the following code denote?  var groupedCustomers = from customer in Customers group customer by customer.Grade into customerGroup select customerGroup.Key;  1.The following code is an example of Database query  2.The following code is an example of LINQ query  3.The following code shows the syntax for Grouping data  4.The following code shows the syntax for Ordering data  5.The following code shows the syntax for Filtering data |
| |  |  | | --- | --- | |  | 1&3&5 | |  | 1&2&4 | |  | 2&3 | |  | 4&5 | |  | 2&3&4 | |
| Carefully read the question and answer accordingly. What does the following code denote?  var orderedCustomers = from customer in Customers orderby customer.BusinessDone descending select new {customer.Name,customer.BusinessDone};  1.The following code is an example of Database query  2.The following code is an example of LINQ query  3.The following code shows the syntax for Ordering data in ascending order  4.The following code shows the syntax for Ordering data in descending order  5.The following code shows the syntax for Filtering data |
| |  |  | | --- | --- | |  | 2&4 | |  | 2&4&5 | |  | 1&3&4 | |  | 2&3&4 | |  | 1&2&3&5 | |
|  |

Framework

|  |
| --- |
| Which of the following is the root of the .NET type hierarchy? |
| |  |  | | --- | --- | |  | System.Type | |  | System.Object | |  | System.Base | |  | System.Parent | |
| Carefully read the question and answer accordingly. Which of the following are parts of the .NET Framework?  1.The Common Language Runtime(CLR)  2.The Framework Class Libraries  3.Microsoft Published Webservices  4.Mobile Applications |
| |  |  | | --- | --- | |  | 2&3&4 | |  | 1&2&3 | |  | 3&4 | |  | 1&2 | |
| Carefully read the question and answer accordingly. Which of the following statements are TRUE about the .NET CLR?  I: It provides a language-neutral development & execution environment.  II: It ensures that an application would not be able to access memory that it is not authorized to access.  III: It provides services to run "managed" applications.  IV: The resources are garbage collected.  V: It provides services to run "unmanaged" applications. |
| |  |  | | --- | --- | |  | I & II | |  | IV & V | |  | I, II & IV | |  | III & IV | |  | I, II, III & IV | |
| arefully read the question and answer accordingly. Which of the following assemblies can be stored in Global Assembly Cache? |
| |  |  | | --- | --- | |  | Shared Assemblies | |  | Public Assemblies | |  | Private Assemblies | |  | Friend Assemblies | |
| Carefully read the question and answer accordingly. Which of the following are valid .NET CLR JIT performance counters?  I: Total memory used for JIT compilation  II: Average memory used for JIT compilation  III: Number of methods that failed to compile with the standard JIT  IV: Percentage of processor time spent performing JIT compilation  V: Percentage of memory currently dedicated for JIT compilation |
| |  |  | | --- | --- | |  | I, II, III & IV | |  | III & IV | |  | I, II & IV | |  | IV & V | |  | I & II | |
|  |
| Carefully read the question and answer accordingly. Which of the following constitutes the .NET Framework?  1.ASP.NET Applications  2.CLR  3.Frame Work Class Library  4.WinForm Applications  5.Windows Services |
| |  |  | | --- | --- | |  | 1&2&4 | |  | 3&4&5 | |  | 1&2&3&4 | |  | 1&2&5 | |  | 2&3 | |
| Carefully read the question and answer accordingly. Which of the following .NET components can be used to remove unused references from the managed heap? |
| |  |  | | --- | --- | |  | CLR | |  | Common Language Infrastructure | |  | Garbage Collector | |  | Class Loader | |
|  |
| Carefully read the question and answer accordingly. Which of the following components of the .NET framework provide an extensible set of classes that can be used by any .NET compliant programming language? |
| |  |  | | --- | --- | |  | Common Language Runtime | |  | Common Language Infrastructure | |  | Component Object Model | |  | .NET class libraries | |
| Carefully read the question and answer accordingly. Code that targets the Common Language Runtime is known as: |
| |  |  | | --- | --- | |  | Unmanaged | |  | Managed Code | |  | Distributed | |  | Legacy | |
| Carefully read the question and answer accordingly. Which of the following statements is correct about the .NET Framework? |
| |  |  | | --- | --- | |  | .NET Framework is built on the DCOM technology. | |  | .NET Framework uses DCOM for making transition between managed and unmanaged code. | |  | .NET Framework uses DCOM for creating unmanaged applications. | |  | .NET Framework uses DCOM for achieving language interoperability. | |