**LINQ**

**Ques1:Write LINQ syntax and define each term of the syntax?**

**Answer:** There are two ways to write query:

* Query Syntax
* Method syntax-using lambda Expression

**Query Syntax:**

**from student in Students**

**select student**

Student is a variable which we can say we create the alias of the datasource. In the above line **from student in Students**  this shows Students is a data source and student is an variable that contains the data source property. Second line **select student** select is the query command which gives the final result to us. Select command selecting all data from the student variable.

**Method syntax-using lambda Expression:**

**Students.Select (student => student)**

Above example is the lambda expression. In this we are directly applying the select method on the data source(**Students**). Inside the method the left side represents the input and the right side after goes to symbol shows the output.