**Ques :Write LINQ syntax and define each term of the syntax.**

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

1. Query Syntax
2. Method syntax-using lambda expression

Eg:

**Query Syntax**

**var Nums=from n in nums**

**Where n >0**

**Select n;**

Here,

Nums is a variable which is implicitly typed.

n is a range variable

Nums is the datasource

Where depicts the condition on the basis of which the data will be retrieved

Select mentions what to show a the output of the command

**Lambda Expression**

**var NumQuery=number.Where(num=>num%2==0).OrderBy(n=>n);**

Where is predefined LINQ method

NumQuery is query variable

Number is datasource

OrderBy is query method