```
DEMONSTRATE LAMBDA EXPRESSION IN C#:
       Tomboda expression is a convenient way of
 defining on anonymous (unnamed) function that can
 be passed around as a variable or as a parameters
to a method call. Many LING method takes a
 function (called a delegate) as a parameters. lambda
 expression is expressed as:
source code:
using system;
nomespace LombdoExp
  class program
     delegate int del (int i);
     statie void Moin (string[] args)
         del d = y => y *y;
        inti = d(s);
      console. Writeline (3);
```

program output:

25

TO DEMONSTRATE LINK QUERY EXPRESSION IN C#: introduction: LING is the name for a set of technologies based on the Integration of query capabilities directly fixed class longuage construct, Just like classes, method, events. when we write LING queries in CH for SQL server database, XML documents, ADO. NET dataset and any collection of object that supports Jenumerable or the generic lenumerable XT Interface. LING support is also provided by third parties for many web service and other database implementation. source code: using system; nomespace Linkquery Expression Internal class program static void Main (string (1 args) intEl scores = new int El { 97, 92, 81, 693; 1Enumeroble Lint > Scoresquery = from score in stores where store select score; Foreach (int i in presquery) concole Writeline (i+ "");

program output: 97, 92,81

```
DEMONSTRATE TRY STATEMENT AND
 introduction:
the exception handling in c#, supported by the lefect and handle run time errors in code. c#

provides three keywords try, catch and finally to implement exception handling.
source code:
vsing system;
namespace Exception Hondling
 Internal class program
   static void main (string [] arys)
        int a = 12;
        int 6 = 0;
        int c = a/6;
      console. Writeline (e);
   cetch (Divide By Zero Exception de)
      console. Write Line ("Divide By zero");
  catch (Exception)
     console. Writeline ("Exception");
```

```
finally

lonsole. Writeline ("The error". + "Hey");

console. Write Line ("Rest of the code");

3

3
```

program output:

Diride By zero

The error Hey

Rest of the code.