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using System;
using System.IO;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Studentdatafile
{
    internal class Program
    {
        static void Main(string[] args)
        {
            CreateAndWriteTXTFile();

            OpenAndReadTXTFile();

            Console.Read();
        }

        private static void OpenAndReadTXTFile()
        {
            //checking file is in the given location or NOT if not it goes to
else block
            bool ans = File.Exists(@"C:\Users\divya\Documents\Assisted
Project\Retreive Data from Text-240ct\Studentdatafile.txt");
            if (ans == true)
            {
                //this try catch block used to if there any exceptions catch
block executed otherwise try executed
                try
                {
                    //this command used to open the file and read it ...
                    FileStream fs = new
FileStream(@"C:\Users\divya\Documents\Assisted Project\Retreive Data from Text-
240ct\Studentdatafile.txt", FileMode.Open, FileAccess.Read);
                    StreamReader reading = null;
                    //this try catch block used to if there any exceptions catch
block executed otherwise try executed
                    try
                    {
                        //Retrieve the data from the file to readme string ..and
print it in console..
                        reading = new StreamReader(fs);
                        string readme = reading.ReadToEnd();
                        Console.WriteLine(readme);
                    }
                    catch (Exception ex)
                    {
                        Console.WriteLine(ex.Message);
                    }
                    finally
                    {
                        fs.Close();
                        fs.Dispose();
                        reading.Close();
                        reading.Dispose();
                    }
                }
            }
        }
    }
}

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        }
    }
    catch (Exception ex)
    {
        Console.WriteLine(ex.Message);
    }
}
else
{
    Console.WriteLine("File doesn't exist on the given location");
}
}

private static void CreateAndWriteTXTFile()
{
    //creating a txt file by giving location
    FileStream fs = new FileStream(@"C:\Users\divya\Documents\Assisted
Project\Retrieve Data from Text-240ct\Studentdatafile.txt", FileMode.Create,
FileAccess.Write);
    //creating a obj for writing
    StreamWriter writing = new StreamWriter(fs);
    //lets assign text to fieds with object
    try
    {
        writing.WriteLine("Student Details :");
        writing.WriteLine("Student Id : 101");
        writing.WriteLine("Student Name : john");
        writing.WriteLine("Student enrolled courses : C# , python ");
        writing.WriteLine("Marks On regarded courses : C# - 91/100 , Java
- 90/100");
    }
    catch (Exception ex)
    {
        Console.WriteLine(ex.Message);
    }
    finally
    {
        //flush means the buffer data if anything is remaining will be
written to the file
        writing.Flush();
        //close and save
        writing.Close();
        writing.Dispose();
        fs.Close();
        fs.Dispose();
    }
}
}
}
}

```