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\* DriveInfo: Part 1

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\* Core Topics:

\* 1. Using directive for System.IO.

\* 2. DriveInfo class properties and methods.

\* 3. DriveInfo collection.

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usingSystem**;**

usingSystem.Collections.Generic**;**

usingSystem.Linq**;**

usingSystem.Text**;**

**using System.IO;**

namespaceDriveInfoProgram

**{**

classProgram

**{**

constdecimal\_KILO\_BYTES\_Decimal=1024.0m**;**

staticvoidMain**()**

**{**

decimaldriveFreeSpaceDecimal**;**

**DriveInfo[] drives = System.IO.DriveInfo.GetDrives();**

Console.WriteLine**(**"Computer Drives Available:\n"**);**

Console.WriteLine**(**"\n\tDrive\tDrive Type\tSpace Available"**);**

Console.WriteLine**(**"\t\_\_\_\_\_\t\_\_\_\_\_\_\_\_\_\_\t\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n"**);**

foreach **(**DriveInfodiindrives**)**

**{**

if **(**di.**IsReady)**

**{**

driveFreeSpaceDecimal=

di.**AvailableFreeSpace** /\_KILO\_BYTES\_Decimal/

\_KILO\_BYTES\_Decimal**;**

Console.WriteLine**(**"\n\t{0}\t{1}\t\t{2}"**,**

di.**Name,**

di.**DriveType**.ToString**(),**

driveFreeSpaceDecimal.ToString**(**"N0"**)** +" MB"**);**

**}**

**}**

Console.Write**(**"\nPress any key to end."**);**

Console.ReadLine**();**

**}**

**}**

**}**