JAVA.IO.FILE.LISTROOTS METHOD

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Description

The **java.io.File.listRoots** returns an array of abstract pathnames indicating the files and directories in the directory indicated by this abstract pathname that satisfy the specified filter.

Declaration

Following is the declaration for **java.io.File.listRoots** method:

```
public static File[] listRoots()
```

Parameters

- **NA**

Return Value

The method returns an array of File Objects indicating the available file system roots. The method returns null, if the set of roots could not be determined.

Exception

- **NA**

Example

The following example shows the usage of java.io.File.listRoots method.

```
package com.tutorialspoint;

import java.io.File;

public class FileDemo {
   public static void main(String[] args) {

      File[] paths;

      try{
         // returns pathnames for files and directory
         paths = File.listRoots();

         // for each pathname in pathname array
         for(File path:paths)
         {
            // prints file and directory paths
            System.out.println(path);
         }
      }catch(Exception e){
         // if any error occurs
         e.printStackTrace();
      }
   }
}
```

Let us compile and run the above program, this will produce the following result:

```
C:\
D:\
E:\
F:\
```

```
G:\
J:\
```

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