1. All array types are implicitly derived from System.Array, which itself is derived from System.Object. This means that **all arrays are always reference types** which are allocated on the managed heap, and your app's variable contains a reference to the array and not the array itself.
2. The foreach statement executes a statement or a block of statements for each element in an instance of the type that implements the [System.Collections.IEnumerable](https://docs.microsoft.com/en-us/dotnet/api/system.collections.ienumerable) or [System.Collections.Generic.IEnumerable<T>](https://docs.microsoft.com/en-us/dotnet/api/system.collections.generic.ienumerable-1) interface, as the following example shows:



1. <https://developerslogblog.wordpress.com/2019/07/30/implementing-ienumerable-and-ienumerator-in-c/>