

Difference between Collections and Generics

	Collections	Generics
Namespace	System.Collections	System.Collections.Generic
Element type	Each element is object type	Each element is <T> type whatever we declare in bracket(<T>) that type of value is stored in the Array.
Typecasting	Here we need to do typecasting because here elements are of object type.	Here we don't need to do typecasting.
Example:	<pre> using System; using System.Collections; using System.Collections.Generic; using System.Linq; using System.Text; using System.Threading.Tasks; namespace ArrayListsum { internal class Program { static void Main(string[] args) { ArrayList data = new ArrayList(); int sum = 0; data.Add(5); data.Add(10); data.Add(20); data.Add(30); data.Add(50); foreach(var d in data) { sum = sum + (int)d; } Console.WriteLine(sum); Console.ReadLine(); } } } </pre>	<pre> using System; using System.Collections.Generic; using System.Linq; using System.Text; using System.Threading.Tasks; namespace Listsum { internal class Program { static void Main(string[] args) { List<int> data = new List<int>(); int sum = 0; data.Add(10); data.Add(20); data.Add(30); data.Add(40); foreach(var d in data) { sum = sum + d; } Console.WriteLine(sum); Console.ReadLine(); } } } </pre>