# Lists // Dictionaries // Hashsets // Collections

# Week 4 // 09.09.2019

* Hashests have slower writes then lists but really really faster reads
* With a hash set if you try to add the same item to my list over and over you will still only have 1
* Lists You can add more then one of the same thing over and over.
* First In First Out
* <https://docs.microsoft.com/en-us/dotnet/api/system.collections.generic?view=netframework-4.8>
* Strings.Where() RETURNS COPY NOT ORIGINAL THIS APPLIES FOR ALL METHODS YOU CALL ON THINGS IN COLLECTIONS