Strings strings cen be creeted or accessed like a cher - erney Multiple strings can be connected with a gut" Generics - not a specifie to a perticuler olete type generic type is deckard by specifying a type peremeter in an angle breakers after a type meme: Type Moane <T> Generic class - no increases newsellity - can be a base class to other generic on was non-generic cless - cen be derived from - 1 A Method decleand with a type peremeters for its own returtype on peremeters is a generic verthal acuerics are type sefe, and here performence adventage because they remove the possibility of baxing/unboxing Generic Collections 21st <T> - conteins elements of a specified type Dictionery (Tkey, Thele) zentains key-velie pains Senteddist < They Treme> Queve<15 elemets in a scending onster of ker actions relies FIFO style. Enguenet method for adding rates and degrene () to refinive velies

Stecheld - stones relies Free style, Push () to and, velaces and Pop() and Peck () to relative Hesheek 17 - 41 of elements, eliminating duplicates New-General Codections Among dist - stones objects of eny what but there is no need to specify the months size of the life as it grows outemeticly Heathtelle 4 - stones key y- velve petrs. retrives velves by compering heath velves of the keys Bit Armey - maneges an armey of bit velies (1 or 0) which are represented as a bolean CH also Includes non-general versions of Onene Help and sortedalist Tuple (T) - dete structure to bet conteins a sequence of elemets of different elefatypes. its used when we went to hold an objet with properties but don't went to creek a seprete type for it. Then be the element can be coccessed vie Items element number) or Rest & its the left item. If he news to store more then 8 elements In a tupic, we can do that by herting another tuple object in the 18th element. He can occess it via Rost Item 1. Item a dement Mumber In theory we can next tuple object anywhere in the sequence but we won't be able to occass its elevands.

Tuple is usefull when:

- He went to return multiple values from a method

- He wast to pess multiple relies to a method with a shingle

personneter

- He went to hold a detabase temporarily witait creating

separate At class