```
Strings

-) Amoy of characters.
           vector (char) => Storing.
                                                                 11 GFG'
                           "gecks for geeks"
      'gecksforgecks'
Array of integers - ) no known bound of values that could be present is
Strings -> There is a known bound of
                                     mique characters that as
he present.
ASCII Set of characters. -> 178 maximum characters
                                                       a -> 97
                  A -> 65
                  B → 66
C → 67
                                                          b → 98
                                                       c -> 91
                     Z -> 90
                                                      2-122
-) Arithmetic operations of on characters
        Arithmetic operations on thoir ASCII values
   \frac{\left(\frac{1}{2} + \frac{1}{4}\right)}{\left(\frac{1}{2} + \frac{1}{4}\right)} = \frac{\left(\frac{6}{6} - \frac{65}{6}\right)}{\left(\frac{6}{6} - \frac{65}{6}\right)} = 1
\frac{1}{2}
            (ython; (nd)('A') ---
# Check if a character is lowercase:
# [if (ch >= 'a' && ch <= 'z')] #
# Check if a character is offercose:

if (ch >= 'A' && ch <= 'Z')
                                    \frac{(ch - \frac{a'}{A'} + \frac{A'}{A'})}{(ch - \frac{a'}{A'} - \frac{A'}{A'})} = \frac{32}{(ch - \frac{a'}{A'})}
\frac{(ch - \frac{a'}{A'} + \frac{A'}{A'})}{(ch - \frac{a'}{A'} + \frac{A'}{A'})} = \frac{a'}{A'} = \frac{a'}{B'}
# Uffercase to lowercase:

(ch - 'A' + 'a')
- MALAYALAM
                  XXXX —> False.
                     LLLL True.
                     (Ab, cba) -> Palindrome.W
         =) Ignore the chars which are
                                             nat Alphanumeric
      -) Cases do not matter. That is
                     a lowercase char is considered
                            the same as its uppercase version
                                        2 vice-versa.
# Anagaans
                     - Two strings are anagrams of
each other if they contain the
                  same set of charaders with the
                             som frequency.
(ahc) bac) -> Tome
(aah, bha) -> false
             (ach ha, ahaah) -> True.
O Scerting-hased
ahe, hac
     (abc) = (abc) - 12-
             T(: Sorting = 0 (h logh)

Comparison = 0 (n)
                                       Ouvall = 0 (nloga)
(2) Comme the frez. of each character in
    both the strungs & compare the frezs.
                                                                      (aahc, abcc)
                                                                          [a -2 c-> a -1]
```