```
Shings ( more practice w/ vedors)
  String is really just vector Lahars with
   a slightly different interface.
    vectors
                     24rings
    V. 5:2e()
                     s. length()
                                   could be chan
                     S += X & or a string
   V. push_back(x)
                     SC! 3
   VC13
 worn up: Are a character (, of a soring s, count the # of times c
   occurs in S. Es., S="hello", (='1')

=> answer = 2.
 5:20 _t count chars (const stringles, char c)
         size_t (ount = 0)
         for (sixe t i = 0; i( s. length (); it+) }
              if (S(i) == () count ++;
        return count;
                        1/2/11/0
                        260) 261] -- 264]
                       5[0..., 5. length (1-1)
```

Esercise 21. reverse a string.

void reverse (string& s); requires a lot of extra space! 1 say length = n = s Thellio 0 (> 4 = n-1 1 (-> 3 = N-2 $2 \iff 2 = n-3$ in seval! [2 > n-i-1 Noig named (241,28 2) { for (i=0; i < s.length(1/2; i++) { 1/ swap S[i] (S(s.layth()-i-1) char temp = 5 Ciz; SCi) = 5[s.laythl] - i - 1]; S[5,langth() - i -13 = tamp; 51 = "abc" 52 = "lololabe (0/) one idea: check all possible offsets in 52. Suy length SI = MI lenth 51 = N2 possible offsols: [0,1, - 12-n,]