			4 1	
5trings	10	rone	dest	h
			<u> </u>	

- Basically, vector (char) but with a nicer name (string) of bonus functions.

- Bonus Runctions:

- concatenation: 51+52 (51+252 works as well)

- "ctrl-f": 51. find(52) will tell you

if 52 appears in 51 (and where).

(Return value tells you where natch starts)

-1 = 5tring::npos)

- Not a bonus, but s. length() sives size of string s (# characters)

5.5ize() works to 6 (rowher: strings me redars)

(In 99% sure 5, length() is just a synonym for 5. Size().)

Exercises Lets write our own version of find.

find (51,52) Should return location (inleg)
of Rirst nothin SI of 52, or -1 if
of Rirst natch h SI of 52, or -1 if no natch found.
51. F.nd(S2) find(S1, S2)
5tc our
Neison Noison
I deas? Check for natch @ every possible
Station point.
Possible Starting points? Say $nl = si.lengtho$
N2 = 52. lensth()
0,1,2,? if $Nl==n2$, only possibility
O_{1}^{1} ,, N_{1}^{1} – N_{2}^{1} V_{2}^{1}
Outline: for (i=0; i<= n1-n2; i++) (
1 droche Par match @ i
if (natch (51,52, i)) return i;

Thus to check for a natch C:

Show to check for a natch C:

Ref J=0,1, ..., n2-1, must have S2EJ3 == SIEi+j3 In S2: In S1: In S2: In S1: In S2: In S1: