Exercise from last time: "subset sum": for a collection of integers V, and torget $\exists S \leq V \leq .6. \sum_{x \in S} x = t ?$ what if 151 = 2? =.g. if V= {-3, >, 19, 4, 5} and t = 16, then the answer is yes": -3+19 = t. However if t = 100, the unsuer would be "no". Hint: just use "brute force". (Semi-) new topic: Std::string. Behind the scenes, string = vector < char).
However strings have a slightly different
interface (e.g. s. longth() sives the as you would be a redar.) Also provides useful functions like "find": String s = "ab cdef"; 5. Find ("dof") would sive 3, as the

Pirst motch starts @ index 3. abc de P 012345 s. Find ("deff") would sive -1 10 indicate "deff" was not found. How to write our own find function? Size_t find (const string & S, const string & t);

// return index of mutch if t is a substring 11 of 5; -1 other wise. S = [a 6 | c | d | e | f | t = Idelf Stratesy: "brute force" - look for t at all possible offsets in S. Possible addeds: 0, 1, -... s.layth()-t.layth) Adding some detail! for (i = 0; i <= 5.layth() - t.layth(); i++) { 1/ check if t motches @ offset i // i.e., tco3 == sci3, ta3 == sci41]...