Maps 5:nilar to set, but stores key/value pairs (instead of just keys like set). 20 ("hi") ("hi") ("hi") ("kyz") ("kyz" Think of it as a partially defined function. We explicitly prescribe the input /output behavior for some subset of the donain. very standard example: drepnency table: head a list of strings from stding to print how many times each one occmissy. echo "hi hi 10001 " . / freg V: 5 1000 1 How to do this w/o mas? 2 vedors? counts

Now with maps ! map (string, int) F; String S; // Store input while (cinsss) Note: the int F[s]++; < FEG will de fault 1 Now just print!! · 0 6+ Buliteratur ... cout << (xi).frst << ":"<< (i) second !" (1) FISZ Another view: Kind of like vector, but you can index with non-integer types. mp < int, int> & reductint) Exercise: campare & condrast.