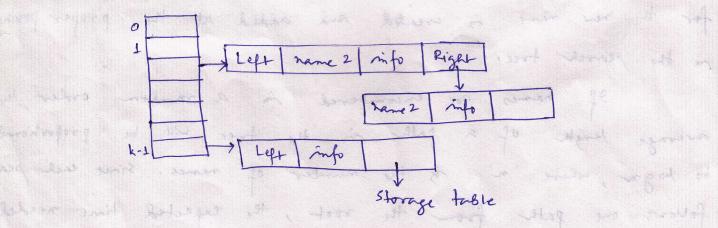


Hash tables: This peterne gives us the capability of performing in accepses on in names in time proportional to n(n+m)/k, for any constant k of our choosing, since k can be made as large as we like, this method is generally superior to linear lists or peared trees and is the method of choice for psymbol tables in most situations especially if storage is not particularly costly.

The basic hashing scheme is phonon in the figure below. Two tables, a bush table and a storage table are used.



Hash table "is a table of k pointers musered of to k-1 pointing to Symbol table record and a symbol table.