KSA IVORDHO Compiler-Design ; AP191100 10211 Week-LIL CSE-E sus used linked linked list; #. Thus implementation is added to cach list. A link field record * sexching of names is done in ordul pointed be link field *. A pointer "first" is maintained to point to first record of symbol table * Inserstion is fast O(1), but look up is slow for large tabell - o(n) on average. Binary such Tell: * Another approch to implement Symbol table is to use binary search tell reme add two link fields re.

* All names are accated as child of root node that always follows the property of binary such the and boxup or ollogin) on * Thsection average Hash Table * In howhing schome two tables are maintained about table and Symbol table and if the most Commonlyword method to impletaent their symbol tably * A hash table is an away with inden ronge o to table size -1 There entire are Pointers Pointing to manner of symbol table #-To seich for a name we use hough function that will result in any integer between 0-10 table Size-1 * Inserstion and lookup Can be made very tast -0(1) * Advantage is quick such is possible and disadventage is that hashing is Complia -ted to implement.