Implement all functions of dictionary using hashing.

Struct list & int data; struct list * next; class Dictionary & nede ty List *ptr[max], *root [moss], *temp[max]; public: int index Dictionary () { index = -1; for (int i = 0; i < max; i++) { nost (i) = NULL; ptr (i] = NVLL; templi] = NULL; void insert (int key) { index = int (key /max); ptr(incles) = (list *) malloc (size of (list)); ptr (index) -> data = key; if (root (index] == NULL) { root (index) = ptr (index) robt (index) - next = NULL; temp (index) = pto (index); } else { templindex] = root lindex]; while (temp (index) -> next 1 = NVII) templindex) = templinder) - next; temp (index) > next = ptr (index);

Void search (int key) { int flag = 0; index = int (key / max) templindex] = notlindex]; while (templinder) != NULL) { if (templinder) -data == key) { cont << "Key found!" { << endl; Hag = 1; brenk; } else templindex) = temp(index) -> next; if (flag==0) cont ("Not found!" < cend; } delete - ele (int key) ? index = int(key 1. max); temp [index] = root lindex]; while (templinder) - data ! = key bb templinder]! = NVUS Ptilinder) = temp (index); temp(index) = templindex) = next; pti [index] -> next = temp (index) -> next; cont << templinder] - data << ", has been deleted." temp (index) -sdate = -1; force (temp (index)); templinder] = NULLi

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