Contents

/** Jefter Santiago Mares nžUSP: 12559016 **/ #include "HashTable.h" #include "Student.h"

char * readLine(); int main () {

int n; scanf("%d", &n);

HashTable * table = makeHashTable(n); Student * student = NULL; int i;

i = 0; while(i < n) { student = newStudent(readLine()); if(insertHashTable(table, student)) printf("Cadastro efetuado com sucesso"); else printf("NUSP ja cadastrado"); i++; } scanf("%d", &n); i = 0; while(i < n){

Student * student = NULL; char * c = readLine(); int k = loginHashTable(table, c, &student); if(k == 0){ printGrades(&student); } else if (k == 2){ printf("NUSP invalido"); } else if (k == 1){ printf("Senha incorreta para o NUSP digitado"); } free(c); c = NULL; i++; } deleteHashTable(table); return 0; }

char *readLine() { char *string = NULL; char currentInput; int index = 0; do { currentInput = (char)getchar(); string = (char *) realloc(string, sizeof(char) * (index + 1)); string[index] = currentInput; index++; if(currentInput == ' ') currentInput = (char)getchar(); } while((currentInput != ' ') && (currentInput != EOF)); string[index - 1] = '\0'; return string; }