Jai Jain 18 m18 C2040 Date ___ / __ / __ Dictionary operation woing Habbing struct list S jat data, struct list ment 3 mode; node + pta [max], voot [max], temp[max] Class Dict int index; D::10 (tmi) descess bion void insert (int) void delete (int) Diet Diet ()

for (inti=o ic max: i++) ptr [i] = NULL

temp [:] = NULL

Caathi Did search (int key) int flag = index = int (key, max) temp [index] = voit [index] while (temp [index] = = NULL) E if (temp [index] - data = = key) & Afound flag=1 templindex]: templindar) - mext if (filag == 0) cout < Not found void Dictionary insert (int key)
index = int (key max) ptr [index] = (node tope + mallor (six of (mode)) if s (root (index) == NULL) voot [index] = pto [index] root lindex) - noxt = WULL temp Cindex] = ptn [index]; 0120 templiadex] = root Lindex]

while (temp [index] - mext 1= NULL)

E temp [index] = temp [index] - mext

Temp [index] - mext = pls [next]

g

Dictionary delete (int key index = int (key max) [xabsiltoor = Exabril dust while (temp [index] - data! = key let templinder] Har [index] = temp[index]
temp[index] = temp[index] -> next pta [index] + next . temp [index] next temp [index] - data = temp [index] - NUIL free (temp [index])