Sundiens of Pictionary user Hashine

1 regras

node ptr [max], root (max), "timp [max]
Anitealize all the average elements To NULL

insert (int key)

index = int (key % mex);

ptr (index) = GARTER new Node ()

ytr Cindix ] > data = key

if ( + 00+[ indix ) = = NULL)

2

root Cindry D=pt x [indry]; root (indry ) = pt x [indry]; root (indry ) = pt x [indry];

timp (indix) = P + + Einder)

3

1/51

while (tamp findex) - heat!= NULL)

timp [index): timp 5 index) = next

time Einders onint - + Ti Einders

```
Search (int key)
2 int 1/ag = 0
   india . . . T (kay man)
    temp Cinder ) = root Cinder)
    while (time Cinder ) != NULL)
         if (timp Einder ) > data == kry)
             cout « " sou key found";
             flag =1:
              by eak;
          else temp (index ) = temp (index) > neat
       3
       ; f (flag ==0)
            iouter key not found "
```

delete-ele (int tey)

index = int (ley % max)

temp Eindex J = xoo-1 Eindex)

while (temp Eindex) > data!= key (4 temp Eindex)!= Now)

ptr Cindex J= temp Einder)
temp [index)= temp Cindex J= next;

ptr [index] > next = t emp[indx] > next

couter & temp (index) > data << " has been deleted"

temp [index] > data == 1;

temp (.ndex) = N ull;

free (timp (index));