```
Sidolhartha
    ADS-woite-up
Dictionary ()
while (j < max)
     root, ptr, top = NULL;
      jtej
  i= data 1. max;
  ptr[i] - val = data;
 if (root [i] = = NULL)
     root[i] = temp[i] = ptr[i];
     root(i) - nxt = NULL
  "insut ptrlid at the end of temp
```

```
Camlin Page
     while (turp -> not != NULL)
       lup = lup + nxt;
     tup→nut= pto[i]
   delete (dala)
    i-data 1. man;
      il Joor = Cilque
     while (top[i] - val] = data and top[i]] = NULL)
      *pto= +tmp;
       timp = temp - not;
   pta [i] - not = trup (i) - not;
    trup [i] - val =-1;
    tmp[i] = NULL;
   free (tup[i]);
 struct hash
  int val;
 struct hash * not;
Typedif strut hash nodi;
node *tup[max], *root[max], *ptr[max];
int index i
```