```
Date 25 11 2020
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Expt. No. 8
   Functions of Dictionary using Hashing
    typedy struct list of
       int data,
      strud list knext
    y node_lyp+;
    node-type * ptr [max], +root [max], * temp [max
    class Didionary of
   public:
      9nt index;
       Dictionary (1,
      Kold insert (int);
     word search (Int);
       void delete ele (int);
   Dictionary : Dictionary ()
     for (int i=0, i < max; i++)
        -0001 [1] = NULL',
        ptr [i] = NULL;
      temp[i] = NULL;
    roid Dictionary! insect (int key) of.
      index=int (ley 1. max);
      ptr (index) = (node typed) malloc (size) (node type));
      ptr [index] -redata = hey:
```

```
if (root[index] == NULL) &
     root [index] = ptr [index];
    root [index] -tnext= NULL;
    temp (index) = ptr (index); }
else if
       temp (index) = soot [index];
      while (temp [index] -enext! = NUIL)
           templindex] = templindex ] roext;
      temp[index] -> next=ptr[index]; & }
 word Dictionay: search (int ley) of
    int plag=0;
     index = int (key 1. max);
     temp[index] = root [index];
    evolute (texp [inde=] != NULL) of
         if (temp [inde=] -rdala = = key) of
               cout < < " In key found";
               flag = 1;
               breale',
          gelse temp [index] = temp [index] -treat
     9 if (flag==0), cow<< " In vey not found";
```