```
functions: of Dictionary
                                                   Page No.
Dictionary ()
    index = -1;
    Dietionary
    for (int i=0; ixmax; i++)
         goot[c] = NULL )
         per[i] = NULL;
         templi] = NULL;
      Dictionary: insert (int key)
     index = int (key/. max);
     ptr[index] - (node-type+) malloc (size of (node-type))
ptr[index] - data = key;
      if (nort [index] == NO (i)
           nootlinder] = ptr [index ];
          nost [index] + tala=
           if [nort [index] == NUCC)
           temp [index] = ptr [index];
       lor
          temp[index] = nort[index]:
           while (temp [index] => next ( = NULL)
                temp[index] = temp[index] > next
            temp[index] > next = ptr[index]
   Void Dictionary: search (int ky)
        int flag = 0;
        index = int (key / max);
        temp [index] = goot [index]
        While (temp[index] | = NUCC)
            if (temp[index] - data == key)
                cont < " Search key found"
```

```
break;
                                        else temp[endex]= temp[index]-mext;
         if (flag == 0)
Cout ( Search key not found "
 Dictionary:! delete-ele (int key)
index = int (key/, max);
temp[index] = root[index];
   Entitle [temp[index] - data! a koy RA temp[index]] 2 NULY
                              ptr[index] = temp[index]
                                       temp [index] = templindex] - next;
         ptr[tndex] 7 next = temp[tindex] - next;
               cont cerln'ex temp[index] - data cer has been deleted
                templindex) - data = -1;
                 temp[index] = NUCC;
                                                                                                                                                                                         shouland a like live
                 free (temp [index]);
                                                                                                                                                                                                              to the state of th
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