```
heys (i + + ] = heys (i);
leeys [i+i] = 4;
n=n+1;
   eshile (17=0 fl keys[i] 74)
    if ((c(1+1) +n == 2*t-1)

split (1+1, c(1+1))

If (keys [1+1] < 4)

1++;
   c(i+i) -> insetintoNode (h);
roid split (int i, Two Three Node * y) &
Two Three Node * z = new Two Three Node (y + key
            | (Int j=0; j<t-1; j++)

z -> heys[i] = y -> heys[.j+t);

(y -> hey == felse)
            for (int j=0; j < t; j + t).

Z - C[j] = y - C[j+t];
```

```
y-en = t-1;
for (int j=n; j>= 1+1, j--)
     c[j+1] = c[j];
c[i+i] = Z;
 for (int j= n-1', i == i ; j -- )
       leeys [j+1] = keys [j];
  heys [i] = y - heys [t-1];
   n=n+1;
Noid remove (int W). of
   if ( ! 200+ )
        cout < x "Tree empty";
        return!
   root - remove (4);
   if ( 500t - 7 = = 0 ). d
          Two Three Mode * trup = root;
           if (root-rleaf)
           else root = Nuci,
               root = root to C[0]
         delite top;
y return,
roid remove Fromleaf (int idx) of
for (int i=idx+1; i<n; ++i).
        leays (i-1) = heys(i];
3 setuen?
```

| void remove From Monteag (intide). ( else d                          |      |
|--|------|
| int he-keys (idx); merge (idx);                                      |      |
| if (clidx)>n>=t)d. c(idx)-7 recom                                    | (4), |
| int pred=getPred (idx); 5.   |      |
| legs (idx) = pred; retur;  |      |
| c(idx) -> remore (pred);   |      |
| Jelse if (C(Idx+1)-rn>=t)-   |      |
| int succ = getsucc (idx);<br>heys [idx] = succ; Teacher's Signature: |      |
|  |      |
| q. c[id+1]-remove (succ);  |      |
|  |      |