Chang Swamy

3

```
void Breece Node: insoft Non Full (int k)
     int i= n-1;
      il ( | cal = = twe)
         while (i>=0 ff keys[i]> k)
           keys[itl] = keys[i];
            1--;
        keys[i+1]=k;
         n=n+1;
     }
else
        while (i>=0 f4 keys[i]>k)
             ; -- i ; (cops)
         i \Big| \Big( C \Big( i + i \Big) \rightarrow n \Rightarrow 2^4 + (-1) \Big)
            split Child (i+1, c[i+1]);
            if (keys [i+1] < k)
         C[i+1] > insort Non Full (k);
     }
void BTherNode : split (hild (int, i, BTheeNode * y)
{
    Binerwode &z = new Binerwode (y >t, y > leal);
    Z→n=+-1;
     for (int j=0; j<t-1; i++)
           z > keys[j] = y > keys[j+t];
```

}

```
if (y > ) real == { clse}

{

| (int j = 0 ; i < t ; i + t) |
| z > c(i] = y > c(i + t) |
| y > n = t - 1;
| (or (int j = n ; j >= i + 1 ; j - -) |
| c(j + 1] = c(j);
| (int j = n - 1 ; j >= i ; j - -) |
| keys[i + t] = keys[i];
| keys[i] = y > keys[t - 1];
| n = n + 1;
| }
```