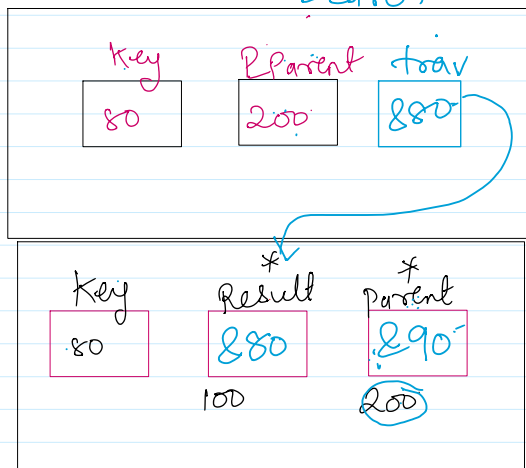


## Search



$P_{parent} = 200$   
 $*P_{parent}$   
 $*200 = NULL;$

## search-with-parent(key, &parent);

```

struct node* search_with_parent(int
key, struct node **p_parent)
{
    ✓ *p_parent = NULL;
    ✓ struct node *trav = root;
    while(trav != NULL)
    {
        if(key == trav->data)
            return trav;
        ✓ *p_parent = trav;

        if(key < trav->data)
            trav = trav->left;
        else
            trav = trav->right;
    }
    *p_parent = NULL;
    return NULL;
}
    
```