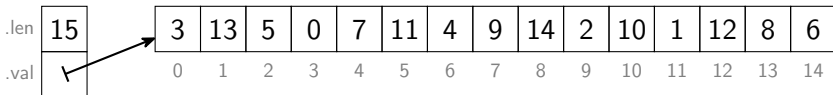


```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];
    uint a = -1;
    uint b = t.len;
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

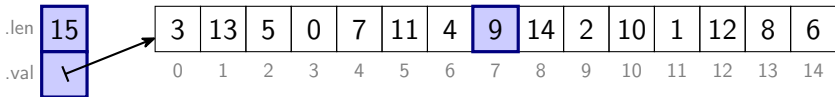
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];
    uint a = -1;
    uint b = t.len;
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

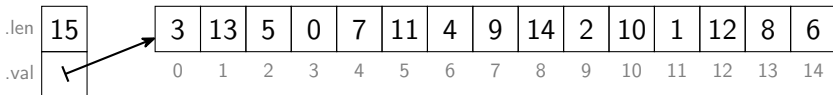
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];    /* 9 */
    uint a = -1;
    uint b = t.len;
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

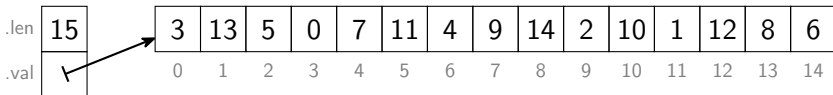
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;
    uint b = t.len;
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

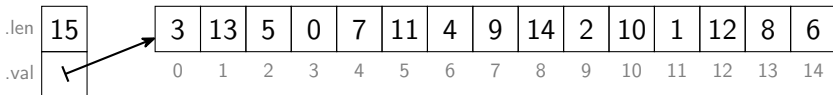
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* -1 */
    uint b = t.len;
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

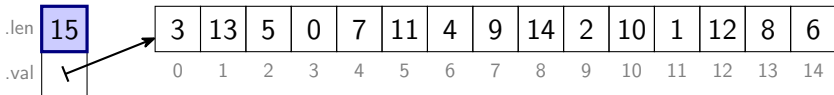
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* -1 */
    uint b = t.len;
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

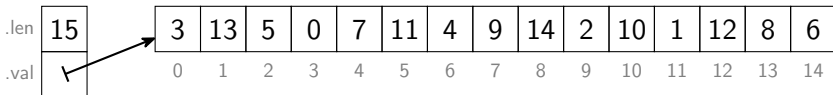
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* -1 */
    uint b = t.len;  /* 15 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

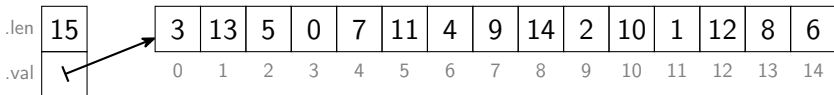
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* -1 */
    uint b = t.len;  /* 15 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

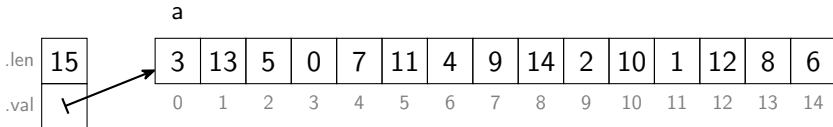
```




```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 0 */
    uint b = t.len;  /* 15 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

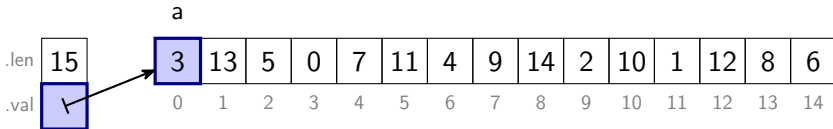
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 0 */
    uint b = t.len;  /* 15 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

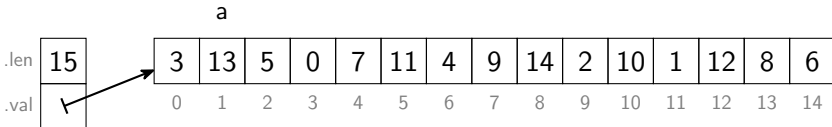
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 1 */
    uint b = t.len;  /* 15 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

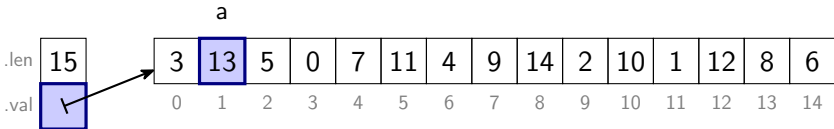
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 1 */
    uint b = t.len;  /* 15 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

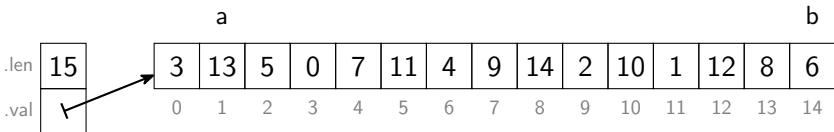
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 1 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

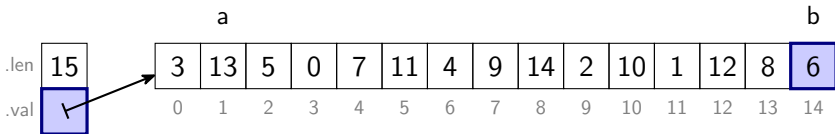
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 1 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

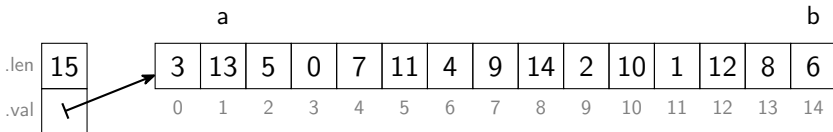
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 1 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

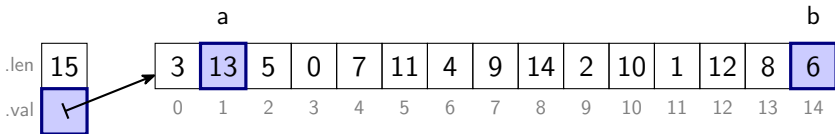
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 1 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

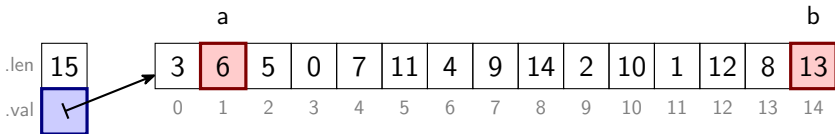
```




```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 1 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

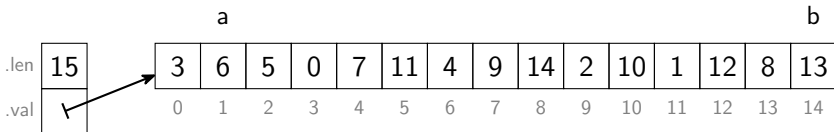
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 1 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

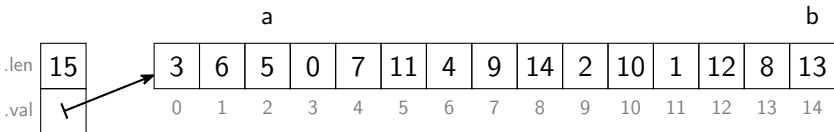
```



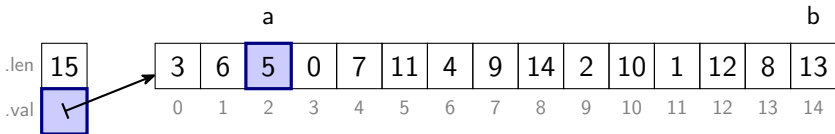
```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 2 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

```



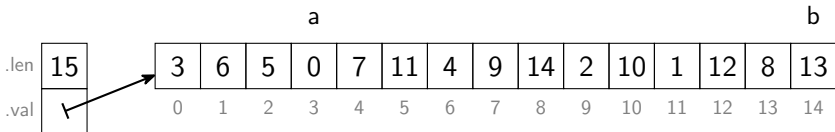
```
uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];    /* 9 */
    uint a = -1;    /* 2 */
    uint b = t.len;    /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 3 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

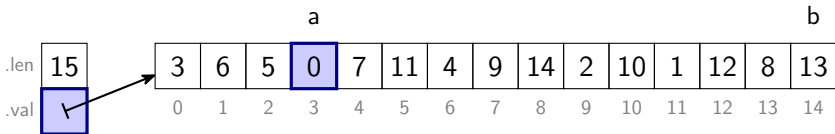
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 3 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

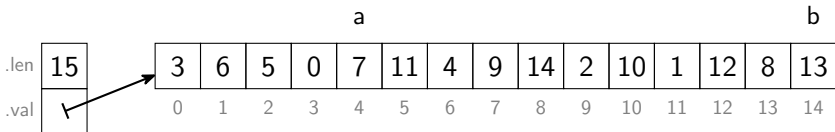
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 4 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

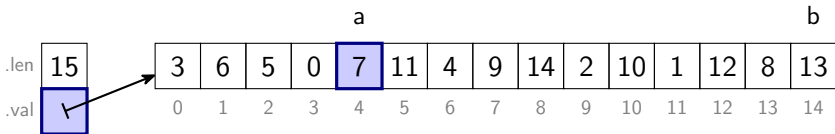
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 4 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

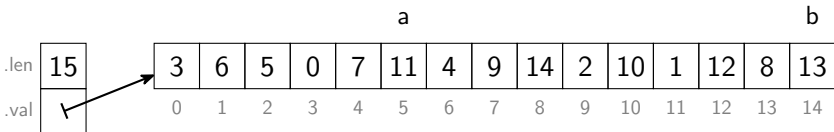
```




```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 5 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

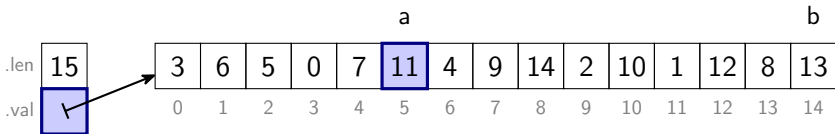
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 5 */
    uint b = t.len;  /* 14 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

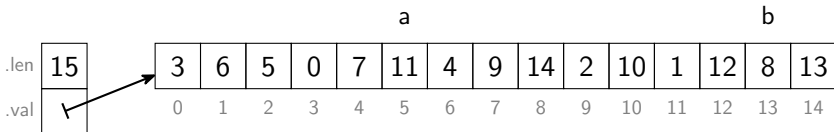
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 5 */
    uint b = t.len;  /* 13 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

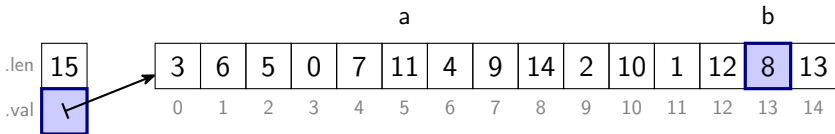
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 5 */
    uint b = t.len;  /* 13 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

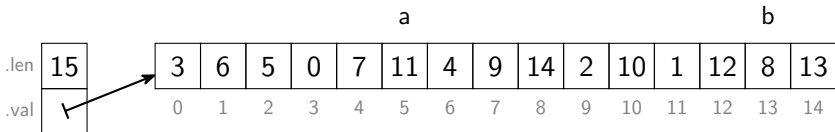
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 5 */
    uint b = t.len;  /* 13 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

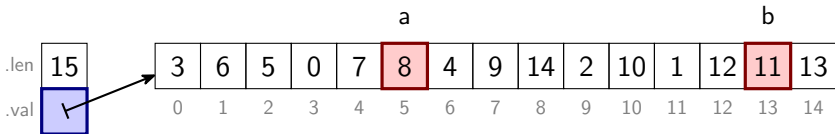
```




```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 5 */
    uint b = t.len;  /* 13 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

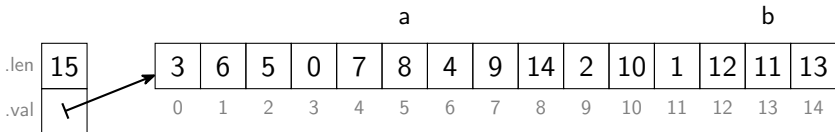
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 5 */
    uint b = t.len;  /* 13 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

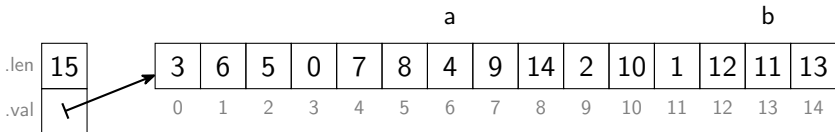
```




```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 6 */
    uint b = t.len;  /* 13 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

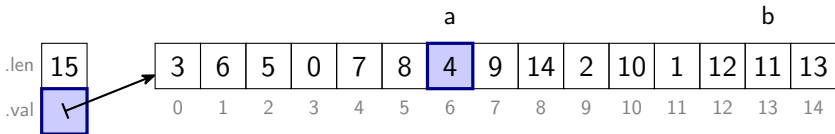
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 6 */
    uint b = t.len;  /* 13 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

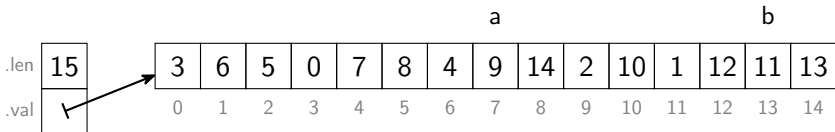
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 13 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

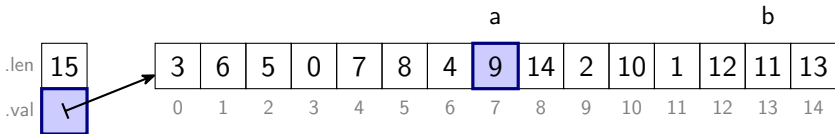
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 13 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

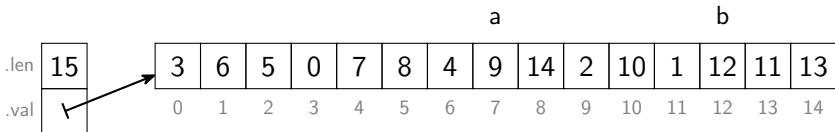
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 12 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

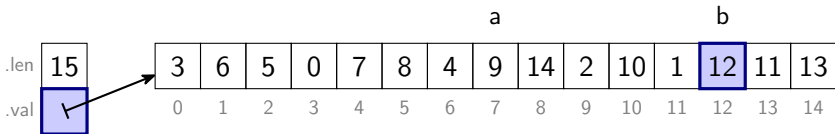
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 12 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

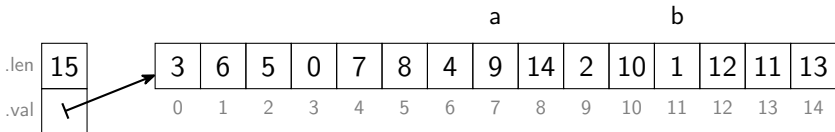
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 11 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

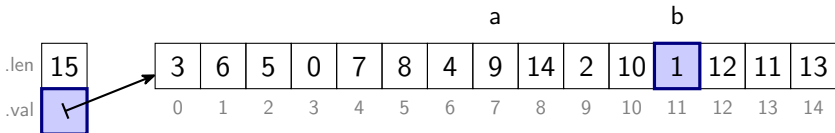
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 11 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

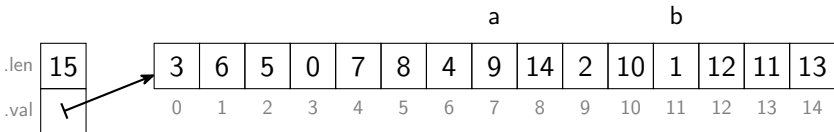
```




```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 11 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

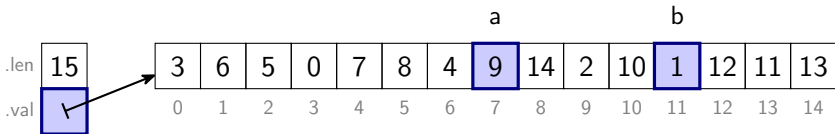
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 11 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

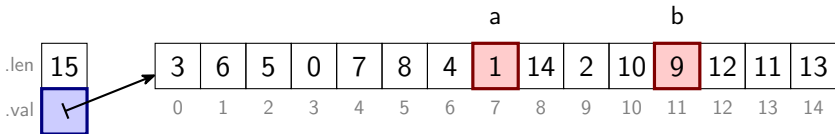
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 11 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

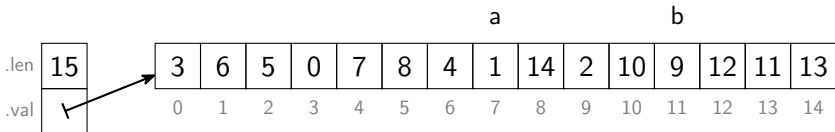
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 7 */
    uint b = t.len;  /* 11 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

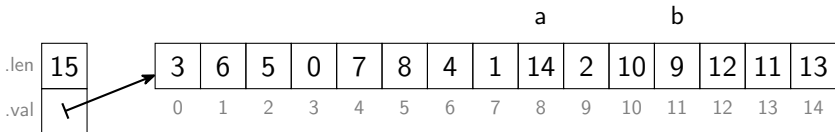
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 11 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

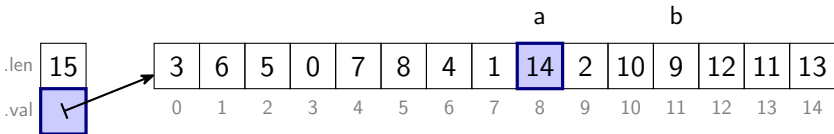
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 11 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

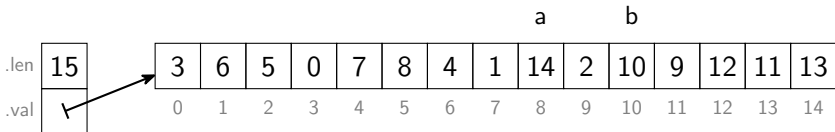
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 10 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

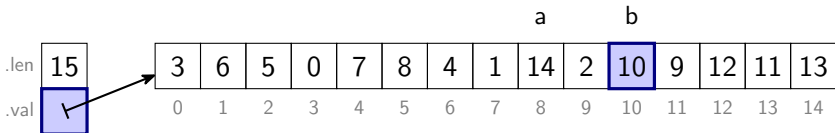
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 10 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

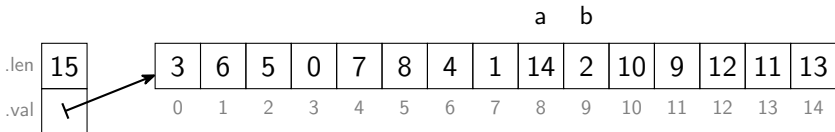
```




```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 9 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

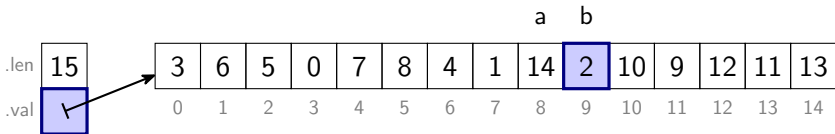
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 9 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

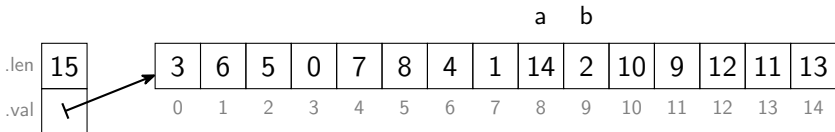
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 9 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

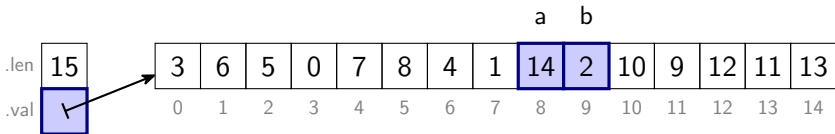
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 9 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

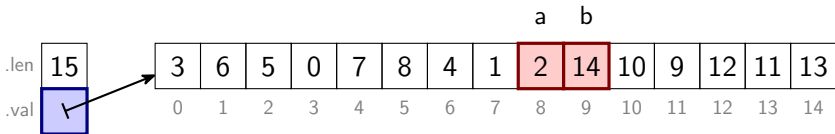
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 9 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

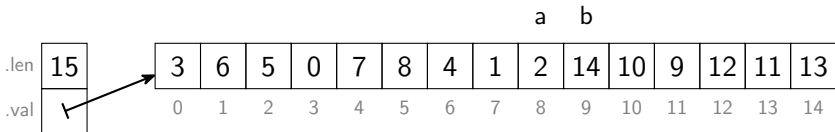
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 8 */
    uint b = t.len;  /* 9 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

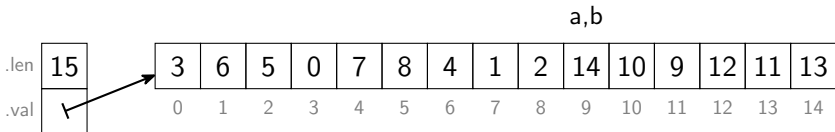
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 9 */
    uint b = t.len;  /* 9 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

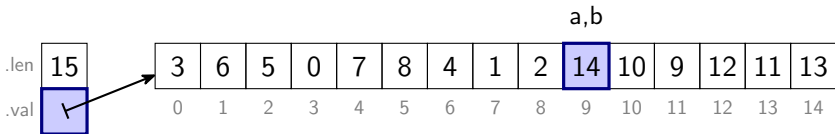
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 9 */
    uint b = t.len;  /* 9 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

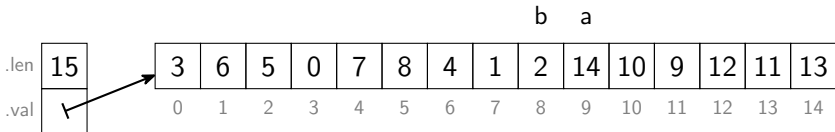
```



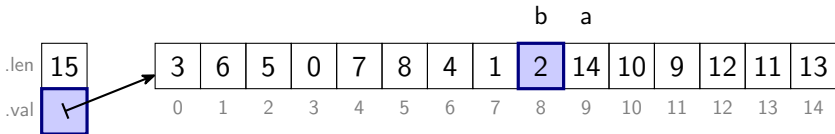

```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 9 */
    uint b = t.len;  /* 8 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

```



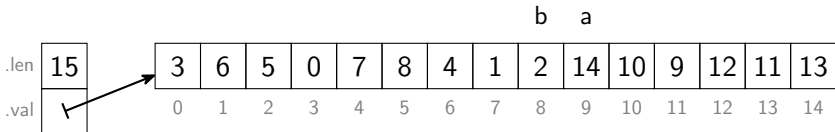
```
uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];    /* 9 */
    uint a = -1;    /* 9 */
    uint b = t.len;    /* 8 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 9 */
    uint b = t.len;  /* 8 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

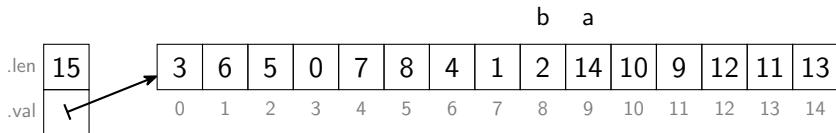
```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 9 */
    uint b = t.len;  /* 8 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

```



```

uint partition (Tab t) {
    int pivot = t.val[(t.len-1)/2];  /* 9 */
    uint a = -1;  /* 9 */
    uint b = t.len;  /* 8 */
    while (1) {
        do { a++; } while (t.val[a] < pivot);
        do { b--; } while (t.val[b] > pivot);
        if (a >= b) { return b; }
        swap(t, a, b);
    }
}

```

