

```
Status ListDelete(SeqList *pSeqList, int i, ElemType *e){
    int k;

    if (pSeqList->length == 0){
        printf("Can't delete any in empty list !\n");
        return FALSE;
    }

    if (i < 0 || i > pSeqList->length-1){
        printf("Index is out of range for deletion!\n");
        return FALSE;
    }

    *e = pSeqList->data[i];

    if (i != pSeqList->length-1){ //Don't move
        for(k = i+1; k <= pSeqList->length-1; k++)
            pSeqList->data[k-1] = pSeqList->data[k];
    }

    pSeqList->length--;

    return TRUE;
}
```

1. i = 2, e = 9

2. pSeqList

1	[0]
2	[1]
9	[2]
3	[3]

3. pSeqList

1	[0]
2	[1]
3	[2]