HW1 Q4

```
struct Node {
   int val;
    Node* next;
Node* llrec(Node* in1, Node* in2)
    if(in1 == nullptr) {
    else if(in2 == nullptr) {
       in1->next = llrec(in2, in1->next);
       return in1;
```

nec (int, in2) pl. in l = or: intanext = 2 interned = lirer (in2, interned return int (CPI) tintual to ps P3: in 1-> next = next = 3 122 mest = Well (intaneat, in2 - next = nead > nead = nead = M return in 2 (es) linked to 82 int ment = next = lirec (in2 = next) into next = next ps: in2=5 refun intones (pr) unted to Ple 16:22 2next =16 A in2 - news a next = licer (in1 anext anext, in2 ment a next rem intract (ic) littled to p3. in 2 new = = = new por 80 reduct 13: int I next = 2 next Gardrail il calls now 50 pine stors whose near hit I next of rell in2=nets =next = ps w int I nest = nest = 86 internet = 72 in17 nut = 85

remined linked list: P(2) PS 2) P22P62P32P4 1 55 52 562 3 54

b) lirec(in1, in2)

reparts in2 list

one pode with value of 2

in2=2