```c
int32_t remove_subtree (node_t** rootp, int N);
{
  node_t* my_elt = *rootp;
  if (NULL == my_elt) { return 0; }
  if (N == my_elt->value) {
    return remove_all (rootp);
  }
  return
    (remove_subtree (&my_elt->left, N) +
     remove_subtree (&my_elt->right, N));
}
```