2) (5 pts) ALG (Linked Lists)

Suppose we have a linked list implemented with the structure below. We also have a function that takes in the head of the list and the current number of nodes in the list.

```
typedef struct node {
    int num;
    struct node* next;
} node;

int whatDoesItDo (node * head, int size) {
     node * current = head;
     node * other;

     if (size < 2)
          return size;

     other = head->next;

     while (current != NULL) {
          current->next = other->next;
          free(other);
          current = current->next;
          size--;
          if(current != NULL && current->next !=NULL) {
               current = current->next;
               other = current->next;
          }
     }

     return size;
}
```

If we call what DoesItDo(head, 8) on the following list, show the list after the function has finished and state the return value.

head -> 3 -> 8 -> 12 -> 5 -> 1 -> 7 -> 19 -> 2

Picture of List Pointed to by head After Function Call:

Function Return Value: _____