I

```
int checkExistsDuplicates(Node * head){
    Node *x;
    IF(head == NULL){
      return 0;
    }
    For(x = head; x -> Next != NULL; x = x -> Next){
        IF( x -> value == x -> next -> value){
            return 1;
          }
    }
    return 0;
}
```

II

```
Node * removeDivisors(Node *head, int val){
    Node *x, *aux;

    // se a lista for vazia:
    IF(head == NULL){
        return NULL;
    }
    // se a head for divisora de val
    while( val % head->value == 0 && head != NULL){
        x = head;
        head = x->next;
        free(x);
    }
    // remover todos os elementos divisores de val a seguir à head
    For(x = head; x->Next != NULL; x = x->Next){
        IF( val % x->Next->value == 0){
            aux = x->Next;
            x->Next = aux->next;
            Free(aux);
        }
    }
    return head;
}
```