

Write a function that reverses the nodes of a linked list without allocating or freeing any memory.

```
struct node {  
    int value;  
    struct node *next;  
};  
  
node *reverse(node *forward) {
```

Present your implementation of **binary_search**, which uses binary search to confirm whether or not the specified key is present in the sorted array of the given length.

```
bool binary_search(int key, const int array[], int length) {
```

Implement the C string library function **strstr**, which searches for **needle** in **haystack** and returns the address (within **haystack**) of the first match (or **NULL** if there is no match)

```
char *strstr(const char *haystack, const char *needle) {
```

Given two C strings, write a function that returns true if and only if they're anagrams of each other.

```
bool are_anagrams(const char *one, const char *two) {
```