

2510: Midterm Answers ||

Feb 27/17

```
void reverse (int a[], size_t n) {  
    size_t i, j;  
    for (i = 0, j = n; i < j; i++, j--) {  
        int temp = a[i];  
        a[i] = a[j-1];  
        a[j-1] = temp;  
    }  
}
```

```
void skip_alpha_copy (char dest[], const char src[]) {  
    size_t i, j = 0;  
    for (i = 0, src[i] != '\0'; i++) {  
        dest[j++] = src[i];  
        if (!isalpha (src[i]))  
            dest[j] = '\0';  
    }  
}
```

is_valid

- alpha, +, -
- at least 1 -
- no consecutive non-alpha

3 ways: lookahead, look back, previous character.