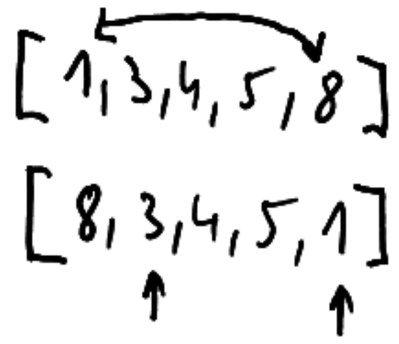
recursive function to put even values in list before odd

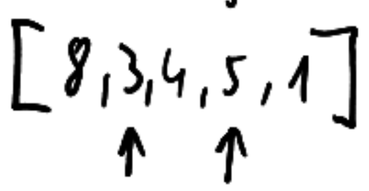
even_before_odd(numbers, low, high)

[1, 3, 4, 5, 8]

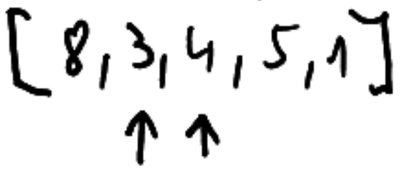
- check if 'high' is even
- it is, so we swap with low and increment low



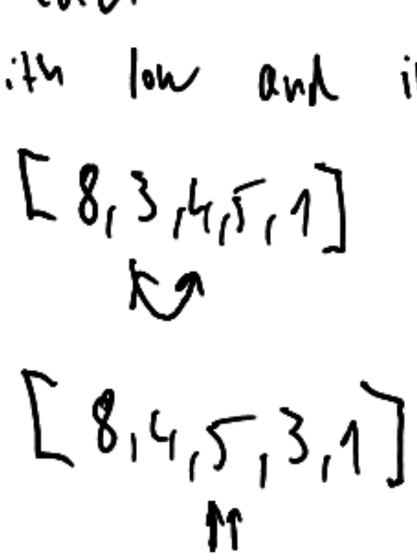
- high is not even
- decrement high



- high is not even
- decrement high



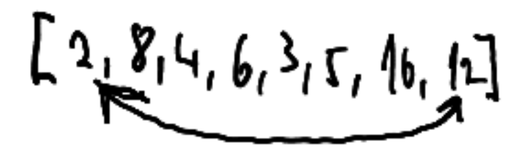
- high is even
- swap with low and increment low



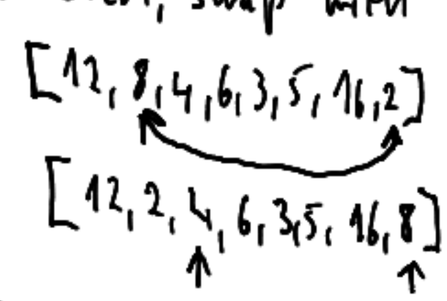
- low and high are equal, we're done

[2, 8, 4, 6, 3, 5, 16, 12]

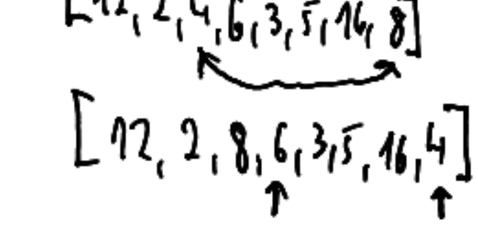
- check if high is even
- it is, so swap with low and increment low



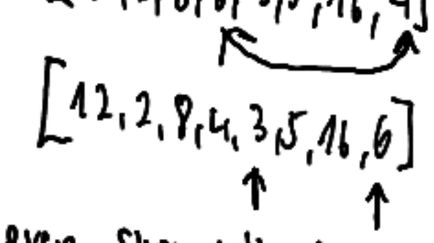
- high is even, swap with low and increment low



- high is even, swap with low, increment low

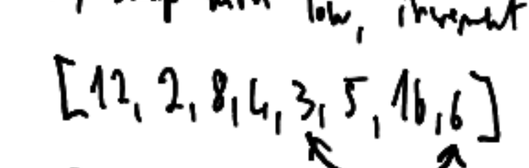


- high is even, swap with low, increment low

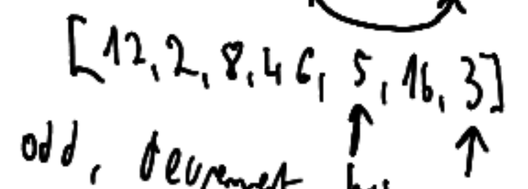


- high is even, swap with low, increment low

- high is odd, decrement high



- high is even, swap with low, increment low



- high is even, swap with low, increment low