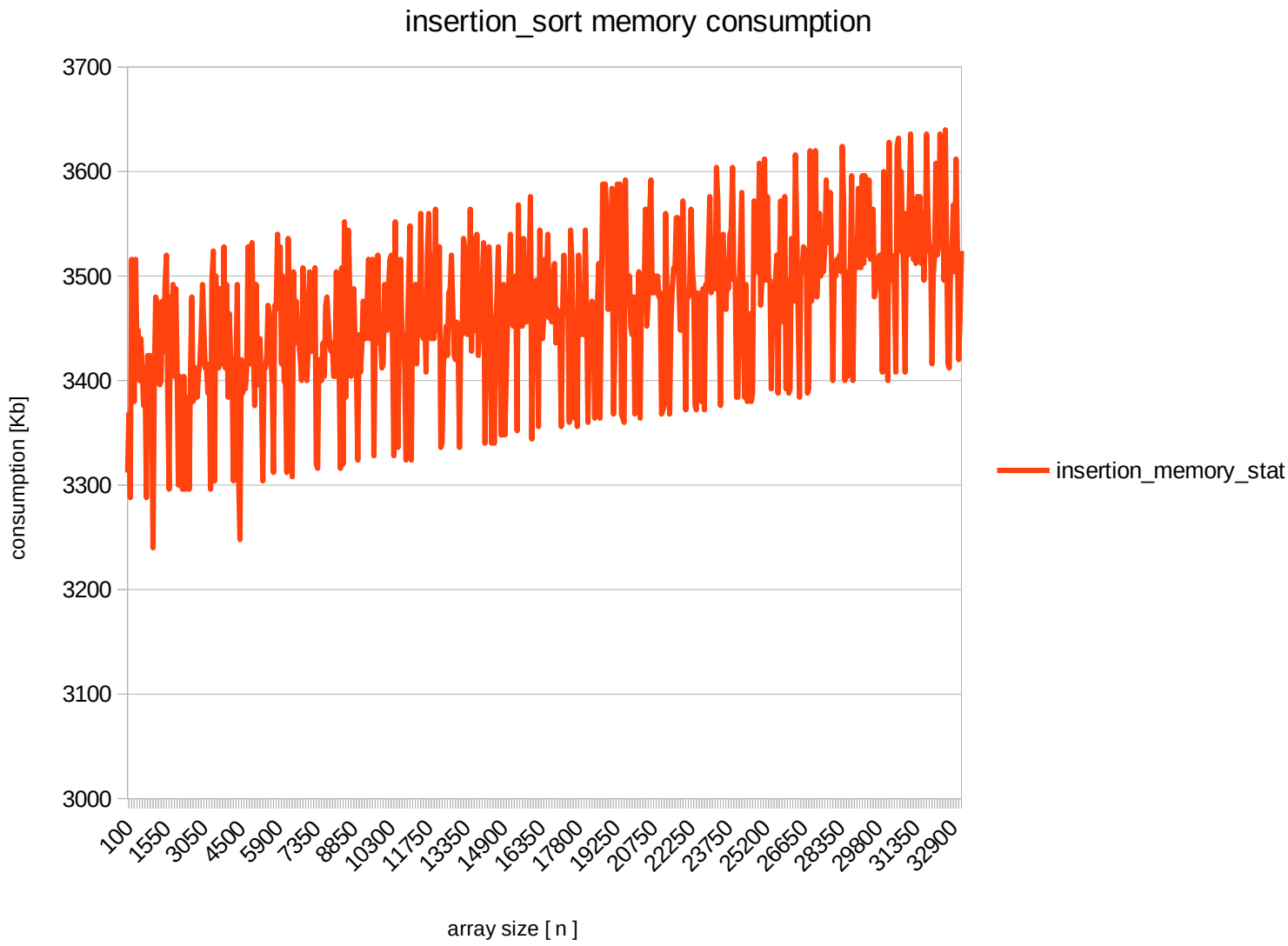
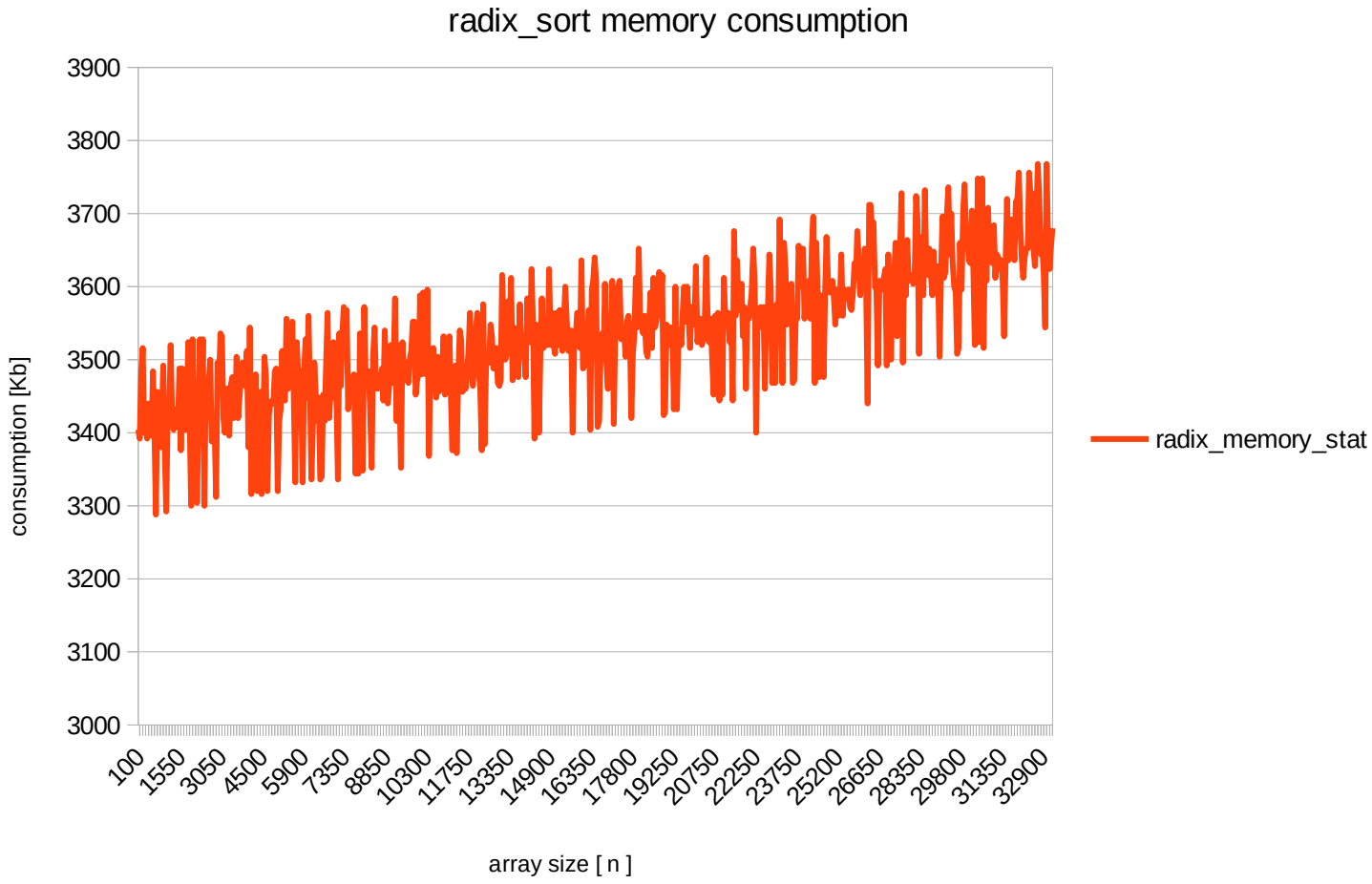
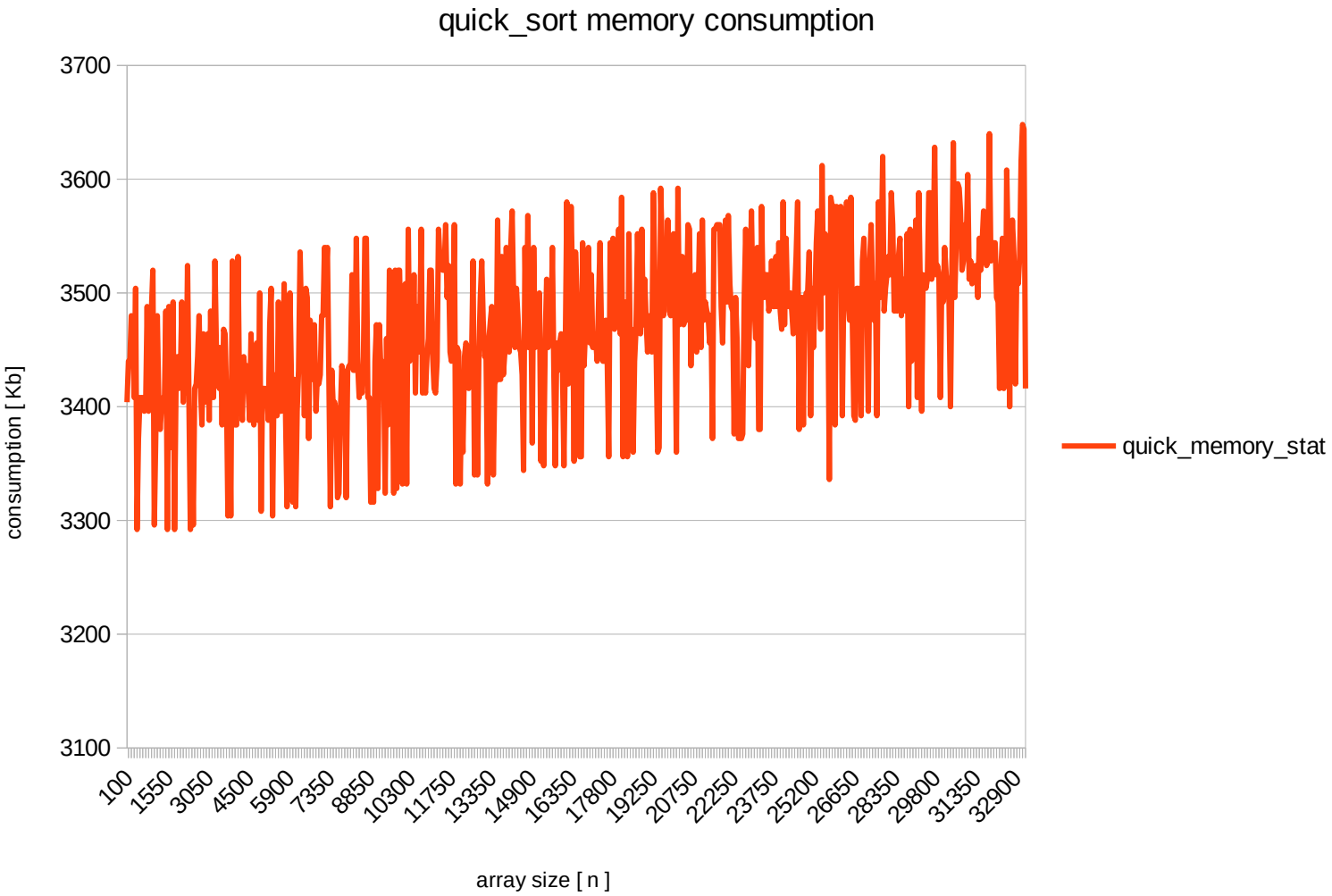
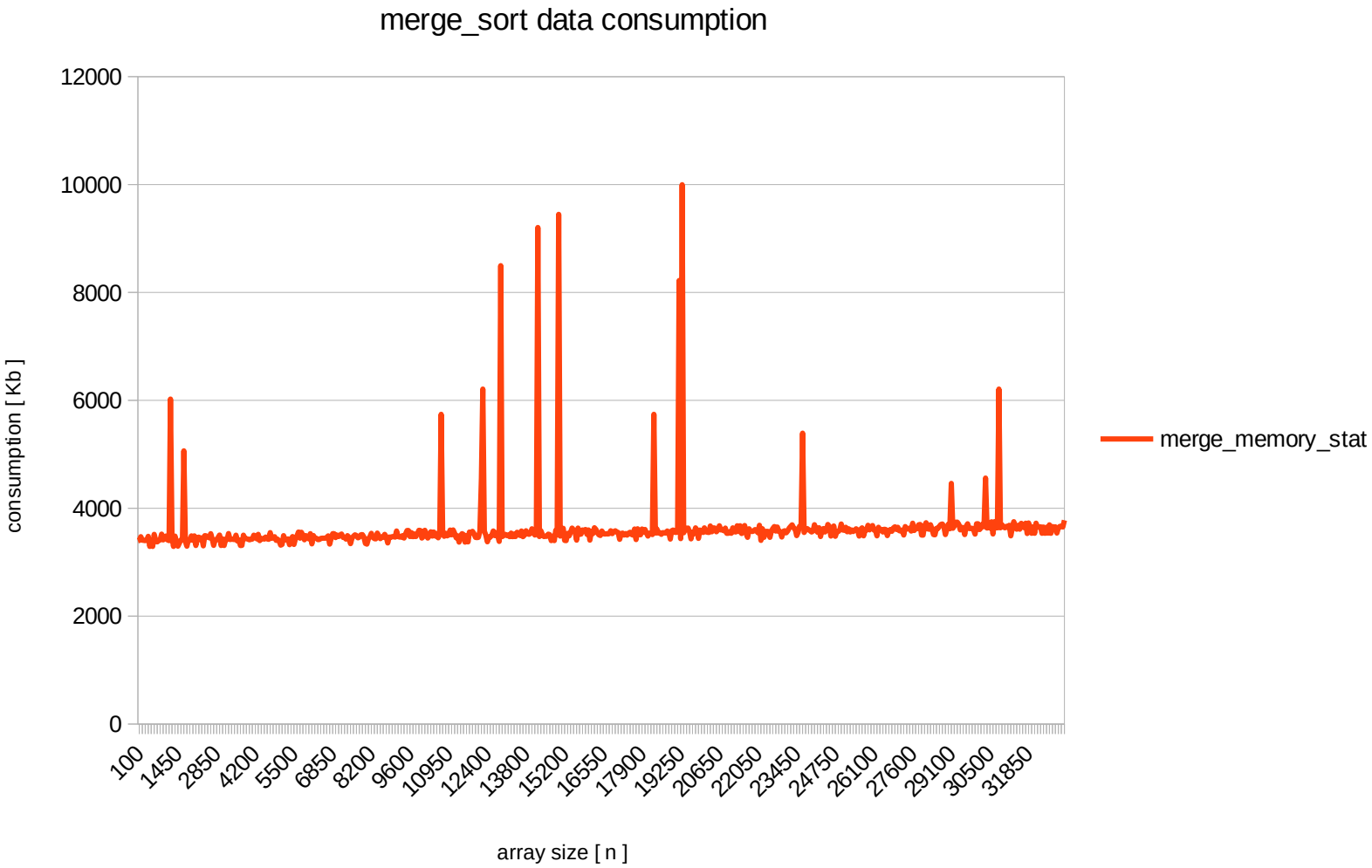
Memory consumption of sorting algorythms comparison
Wojciech Wroblewski lista3 zad1




radix_sort memory consumption
consumption [Kb]
3900
3800
3700
3600
3500
3400
3300
3200
3100
3000
100
1550
3050
4500
5900
7350
8850
10300
11750
13350
14900
16350
17800
19250
20750
22250
23750
25200
26650
28350
29800
31350
32900
array size [n]
radix_memory_stat


quick_sort memory consumption
3700
3600
3500
3400
3300
3200
3100
consumption [Kb]
100
1550
3050
4500
5900
7350
8850
10300
11750
13350
14900
16350
17800
19250
20750
22250
23750
25200
26650
28350
29800
31350
32900
array size [n]
quick_memory_stat


merge_sort data consumption
12000
10000
8000
6000
4000
2000
0
consumption [Kb]
100
1450
2850
4200
5500
6850
8200
9600
10950
12400
13800
15200
16550
17900
19250
20650
22050
23450
24750
26100
27600
29100
30500
31850
array size [n]
merge_memory_stat