```
~/section0516$ gcc -o kadai5-AJG23055-4-2.exe kadai5-AJG23055-4-2.c
~/section0516$ ./kadai5-AJG23055-4-2.exe
[1 2 3 4]
4
[1 2 3]
3
[1 2]
2
[1]
1
[]
```