

C-5.12

1. Call the auxiliary sequence S_2 and the original sequence S_1 .
repeat **size** times: $S_2.\text{insertFirst}(S_1.\text{remove}(S_1.\text{first}()))$
repeat **size** times: $S_1.\text{insertFirst}(S_2.\text{remove}(S_2.\text{last}()))$
2. Call the auxiliary sequences S_2 and S_3
repeat **size** times: $S_2.\text{insertFirst}(S_1.\text{remove}(S_1.\text{first}()))$
repeat **size** times: $S_3.\text{insertFirst}(S_2.\text{remove}(S_2.\text{first}()))$
repeat **size** times: $S_1.\text{insertFirst}(S_3.\text{remove}(S_3.\text{first}()))$