

Example

Input:	65	70	75	80	85	60	55	50	45
P: 65	<i>i</i>								
Pass 1:	<u>65</u>	70	75	80	85	60	55	50	45
(i)		<i>i</i>						<i>j</i>	← swap (A[i], A[j])
	<u>65</u>	45	75	80	85	60	55	50	70
(ii)			<i>i</i>					<i>j</i>	← swap (A[i], A[j])
	<u>65</u>	45	50	80	85	60	55	75	70
(iii)				<i>i</i>			<i>j</i>		← swap (A[i], A[j])
	<u>65</u>	45	50	55	85	60	80	75	70
(iv)					<i>i</i>	<i>j</i>			← swap (A[i], A[j])
	<u>65</u>	45	50	55	60	85	80	75	70
(v)					<i>j</i>	<i>i</i>			if (i>=j) break
	60	45	50	55	<u>65</u>	85	80	75	70
									swap (A[left], A[j])

Items smaller than or equal to 65

Items greater than or equal to 65