

(algorithm) rotate

```
template <class ForwardIterator>
    ForwardIterator rotate (ForwardIterator first, ForwardIterator middle,
                           ForwardIterator last);
```

Rotate left the elements in range

Rotates the order of the elements in the range [first,last), in such a way that the element pointed by *middle* becomes the new first element.

Parameters

first, last

Forward iterators to the initial and final positions of the sequence to be rotated left. The range used is [first,last), which contains all the elements between first and last, including the element pointed by first but not the element pointed by last. Notice that in this function these are not consecutive parameters, but the first and the third.

middle

Forward iterator pointing to the element within the range [first,last) that is moved to the first position in the range.

Return value

An iterator pointing to the element that now contains the value previously pointed by first.