Move Ranges

In C++, we can move data from one range to another. Read the lesson for more details.

std::move moves the ranges forward; std::move_backward moves the ranges
backwards.

move: moves the range forward:

```
OutIt move(InpIt first, InpIt last, OutIt result)
FwdIt2 move(ExePol pol, FwdIt first, FwdIt last, Fwd2It result)
```

move_backward: Moves the range backward:

```
BiIt move_backward(BiIt first, BiIt last, BiIt result)
```

Both algorithms need a destination iterator <code>result</code>, to which the range is moved. In the case of the <code>std::move</code> algorithm this is an output iterator, and in the case of the <code>std::move_backward</code> algorithm this is a bidirectional iterator. The algorithms return an output or bidirectional iterator, pointing to the initial position in the destination range.

⚠ The source range may be changed

std::move and std::move_backward apply move semantics. Therefore the
source range is valid, but have not necessarily the same elements
afterwards.

```
#include <algorithm>
#include <iostream>
#include <string>
#include <vector>

int main(){

std::cout << std::endl;</pre>
```







()

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