

# Recipe 1.4. Creating a (sub-)sequence of symbols from sequence

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## 1. Problem

You want to create a sequence of specific symbols from another sequence instance.

## 2. Solution

You will use the same builder with the instance of the source sequence as only parameter and defines an interval [from, to[:

```
// 5 cards
SymbolSequenceImpl<Integer> openCards =
    new SymbolSequenceImpl.Builder<Integer>("AKK23", CardRankSymbol
        .getSymbolType()).build();

// a simple copy
SymbolSequenceImpl<Integer> openCardsCopy =
    new SymbolSequenceImpl.Builder<Integer>(openCards).build();
Assert.assertEquals("AKK23", openCards.toString());

// a sub sequence
SymbolSequenceImpl<Integer> flop =
    new SymbolSequenceImpl.Builder<Integer>(openCards).from(0).to(3)
        .build();
Assert.assertEquals("J2R", flop.toString());
```

## 3. Discussion

## 4. See Also