```
Process order: 1
                        TransferInput#0
                        Before: parity = {}
                              <entry>
                                  EACH TO EACH
                    Process order: 2
                    TransferInput#1
                    Before: parity = {}
                    a [VariableDeclaration]
                    1 [IntegerLiteral] > odd
                    a = 1 [Assignment] > odd
                    b [VariableDeclaration]
                    a [LocalVariable] > odd
                    1 [IntegerLiteral] > odd
                    (a == 1) [EqualTo]
                    AnalysisResult#1
                    After: parity = \{a = odd\}
                                  EACH_TO_EACH
                   Process order: 3
                   TransferInput#10
                   Before: parity = \{a = odd\}
                           THEN TO BOTH '
                                             ELSE TO BOTH
Process order: 4
                                     Process order: 5
TransferInput#12
                                     TransferInput#13
Before: parity = \{a = odd\}
                                     Before: parity = \{a = odd\}
                                     b [LocalVariable]
b [LocalVariable]
4 [IntegerLiteral]
                                     6 [IntegerLiteral]
b = 4 [Assignment]
                                     b = 6 [Assignment]
AnalysisResult#3
                                     AnalysisResult#5
After: parity = \{a=odd, b=even\}
                                            parity = \{a = odd, b = even\}
                                     After:
                         EACH TO EACH /EACH TO EACH
                 Process order: 6
                 TransferInput#23
                 Before: parity = {a=odd, b=even}
                 b [LocalVariable]
                 return b [ Return ]
                 AnalysisResult#7
                 After: parity = \{a=odd, b=even\}
                                  EACH TO EACH
                 Process order: 7
                 TransferInput#27
                 Before: parity = {a=odd, b=even}
                               <exit>
```