

## SICP Exercise 3.38

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a.

- Peter, Paul, Mary:  $\$100 \rightarrow \$110 \rightarrow \$90 \rightarrow \$45$ ;
- Peter, Mary, Paul:  $\$100 \rightarrow \$110 \rightarrow \$55 \rightarrow \$35$ ;
- Paul, Peter, Mary:  $\$100 \rightarrow \$80 \rightarrow \$90 \rightarrow \$45$ ;
- Paul, Mary, Peter:  $\$100 \rightarrow \$80 \rightarrow \$40 \rightarrow \$50$ ;
- Mary, Paul, Peter:  $\$100 \rightarrow \$50 \rightarrow \$30 \rightarrow \$40$ ;
- Mary, Peter, Paul:  $\$100 \rightarrow \$50 \rightarrow \$60 \rightarrow \$40$ .

b. If the system allows the processors to be interleaved, then possible values that could be produced are \$100, \$90, \$80, \$60, \$55, \$50, \$40, and \$30.







