$$(3) \text{ vend:} 0[\mathbf{r}_{2} < 100]$$

$$(2) \text{ coin:} 1/\mathbf{o}_{1} := \mathbf{r}_{2} + \mathbf{i}_{1}[\mathbf{r}_{2} := \mathbf{r}_{2} + \mathbf{i}_{1}]$$

$$(1) \text{ coin:} 1[\mathbf{i}_{1} = 50]/\mathbf{o}_{1} := 50[\mathbf{r}_{2} := 50]$$

$$(0) \text{ select:} 1/[\mathbf{r}_{1} := \mathbf{i}_{1}]$$

$$(4) \text{ vend:} 0[!(\mathbf{r}_{2} < 100 \lor \mathbf{r}_{2} < 100)]/\mathbf{o}_{1} := \mathbf{r}_{1}$$

$$(3) \text{ vend:} 0[\mathbf{r}_{2} := \mathbf{r}_{2} + \mathbf{i}_{1}]$$

$$(4) \text{ vend:} 0[!(\mathbf{r}_{2} < 100 \lor \mathbf{r}_{2} < 100)]/\mathbf{o}_{1} := \mathbf{r}_{1}$$