

$$\mathbf{i}_1 \leftarrow 0$$

$$\mathbf{i}_3 \leftarrow \phi(\mathbf{i}_1, \mathbf{i}_2)$$
$$S$$

$$\mathbf{i}_2 \leftarrow \mathbf{i}_3 + 1$$

$$S$$

$$\mathbf{i}_2 \leftarrow \mathbf{i}_3 + 1$$