```
∧ isDecreasing = TRUE
∧ i = 1
∧ isIncreasing = TRUE
∧ pc = "Lbl_1"
∧ output = FALSE
```

Next State Actions

Lbl_1   Terminating

```
∧ isDecreasing = TRUE
∧ i = 2
∧ isIncreasing = FALSE
∧ pc = "Lbl_1"
∧ output = TRUE
```

```
∧ isDecreasing = TRUE
∧ i = 3
∧ isIncreasing = FALSE
∧ pc = "Lbl_1"
∧ output = TRUE
```

```
∧ isDecreasing = TRUE
∧ i = 4
∧ isIncreasing = FALSE
∧ pc = "Lbl_1"
∧ output = TRUE
```

```
∧ isDecreasing = TRUE
∧ i = 5
∧ isIncreasing = FALSE
∧ pc = "Lbl_1"
∧ output = TRUE
```

```
∧ isDecreasing = TRUE
∧ i = 6
∧ isIncreasing = FALSE
∧ pc = "Lbl_1"
∧ output = TRUE
```

```
∧ isDecreasing = TRUE
∧ i = 7
∧ isIncreasing = FALSE
∧ pc = "Lbl_1"
∧ output = TRUE
```

```
∧ isDecreasing = TRUE
∧ i = 7
∧ isIncreasing = FALSE
∧ pc = "Done"
∧ output = TRUE
```