Next State Actions

| Lbl_1 | Lbl_2 | Terminating |

∧ currentPrefix = <<>>
∧ i = 1
∧ j = 1
∧ pc = "Lbl_1"
∧ output = <<>>

∧ currentPrefix = <<>>
∧ i = 1
∧ j = 1
∧ pc = "Lbl_2"
∧ output = <<>>

∧ currentPrefix = <<1>>
∧ i = 1
∧ j = 2
∧ pc = "Lbl_2"
∧ output = <<>>

∧ currentPrefix = <<>>
∧ i = 2
∧ j = 2
∧ pc = "Lbl_1"
∧ output = <<<<1>>>>

∧ currentPrefix = <<>>
∧ i = 2
∧ j = 1
∧ pc = "Lbl_2"
∧ output = <<<<1>>>>

∧ currentPrefix = <<1>>
∧ i = 2
∧ j = 2
∧ pc = "Lbl_2"
∧ output = <<<<1>>>>

∧ currentPrefix = <<1, 2>>
∧ i = 2
∧ j = 3
∧ pc = "Lbl_2"
∧ output = <<<<1>>>>

∧ currentPrefix = <<>>
∧ i = 3
∧ j = 3
∧ pc = "Lbl_1"
∧ output = <<<<1>>, <<1, 2>>>>

∧ currentPrefix = <<>>
∧ i = 3
∧ j = 1
∧ pc = "Lbl_2"
∧ output = <<<<1>>, <<1, 2>>>>

∧ currentPrefix = <<1>>
∧ i = 3
∧ j = 2
∧ pc = "Lbl_2"
∧ output = <<<<1>>, <<1, 2>>>>

∧ currentPrefix = <<1, 2>>
∧ i = 3
∧ j = 3
∧ pc = "Lbl_2"
∧ output = <<<<1>>, <<1, 2>>>>

∧ currentPrefix = <<1, 2, 3>>
∧ i = 3
∧ j = 4
∧ pc = "Lbl_2"
∧ output = <<<<1>>, <<1, 2>>>>

∧ currentPrefix = <<>>
∧ i = 4
∧ j = 4
∧ pc = "Lbl_1"
∧ output = <<<<1>>, <<1, 2>>, <<1, 2, 3>>>>

∧ currentPrefix = <<>>
∧ i = 4
∧ j = 4
∧ pc = "Done"
∧ output = <<<<1>>, <<1, 2>>, <<1, 2, 3>>>>