```
B1:x = 100
   y = 0
   goto L2
```

```
B2:   L1:  y = x * y
              if (x < 50) goto L2
```

```
B4: L2: y = x + y
```

```
B3:  y = x - y
goto L3
```

```
B5: L3:  print(y)
            if (y < 1000) goto L1
```

```
B12: L6: return y
```

```
B6: switch (x) { 0 => L6 |
```

```
B7:    1 => L4 |
```

```
B10: L4: print("!")
```

```
B13: L7: goto L7
```

```
B8:    101 => L7
```

```
B9:    default => L5 }
```

```
B11: L5: x = x - 1
goto L1
```