

$x_1 \leftarrow 0$

$y_1 \leftarrow 0$

$x_2 \leftarrow \phi(x_1, x_3)$

$y_2 \leftarrow \phi(y_1, y_3)$

$(x_2 < 10)?$

$y_3 \leftarrow y_2 + x_2$

$x_3 \leftarrow x_2 + 1$

`print(y_2)`

```
graph TD; A["x1 ← 0  
y1 ← 0"] --> B["x2 ← φ(x1, x3)  
y2 ← φ(y1, y3)  
(x2 < 10)?"]; B --> C["y3 ← y2 + x2  
x3 ← x2 + 1"]; C --> D["print(y2)"]; D --> B;
```