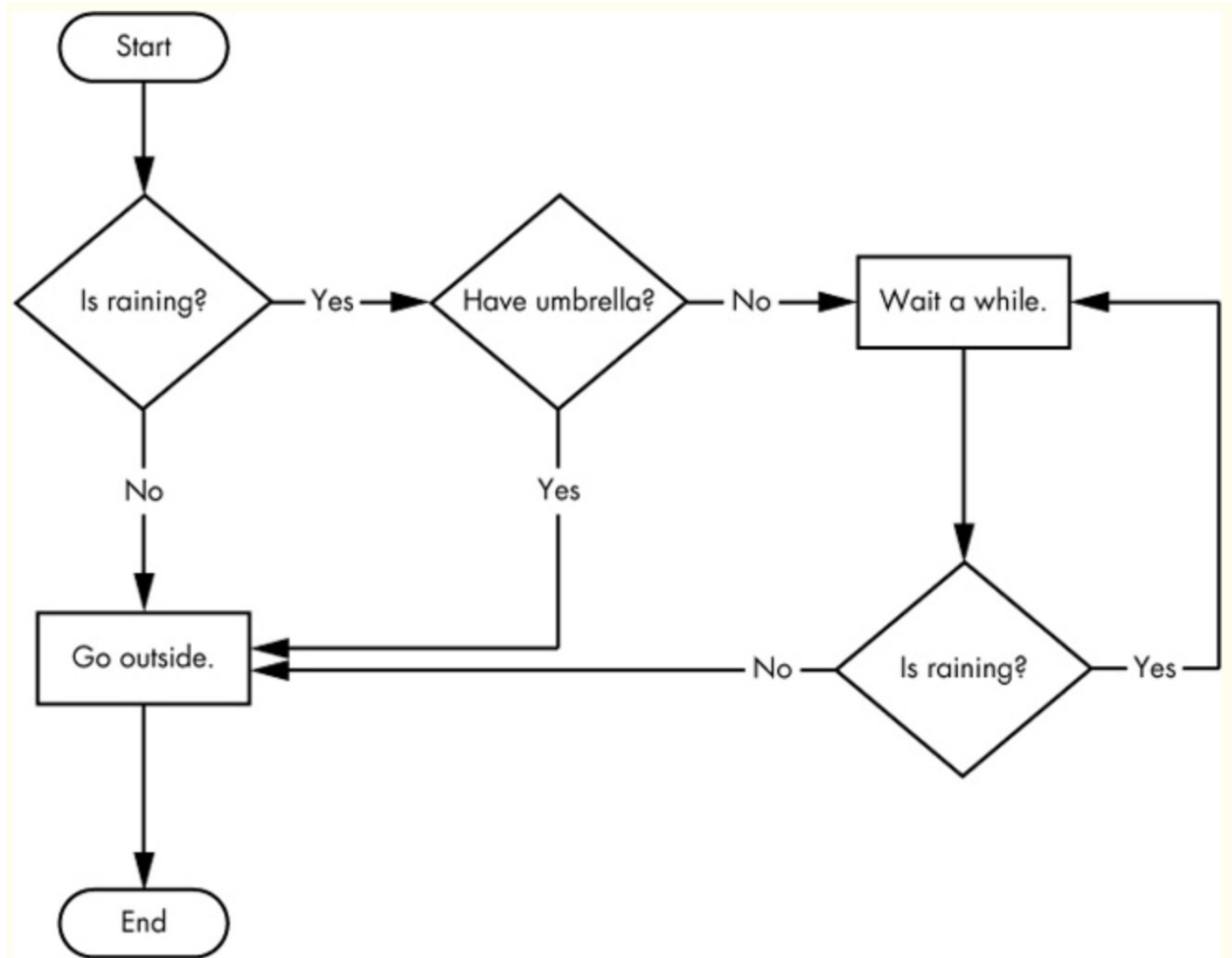
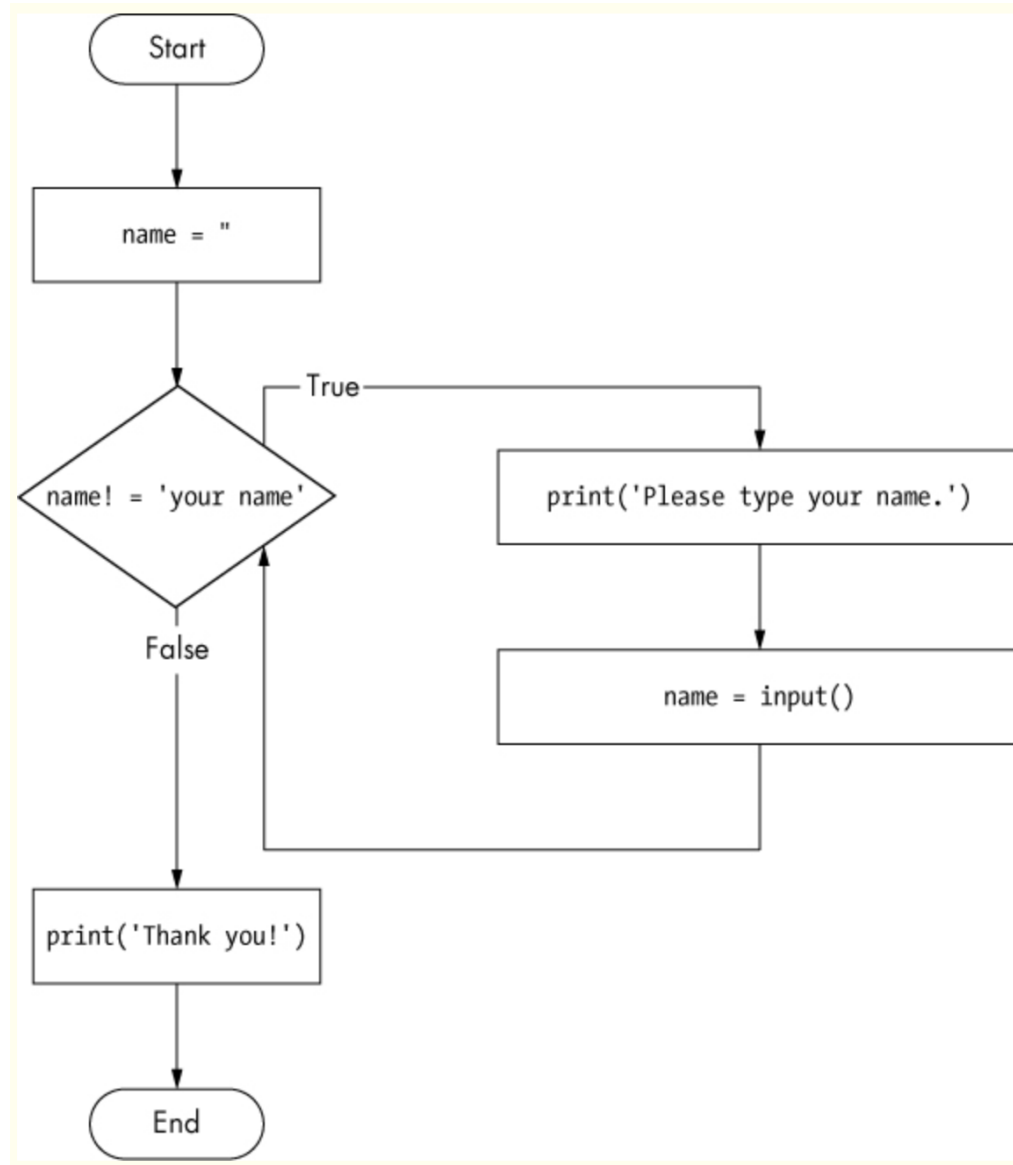

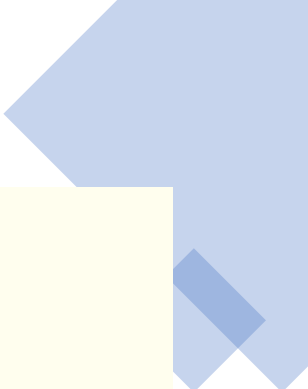


# Ciclos

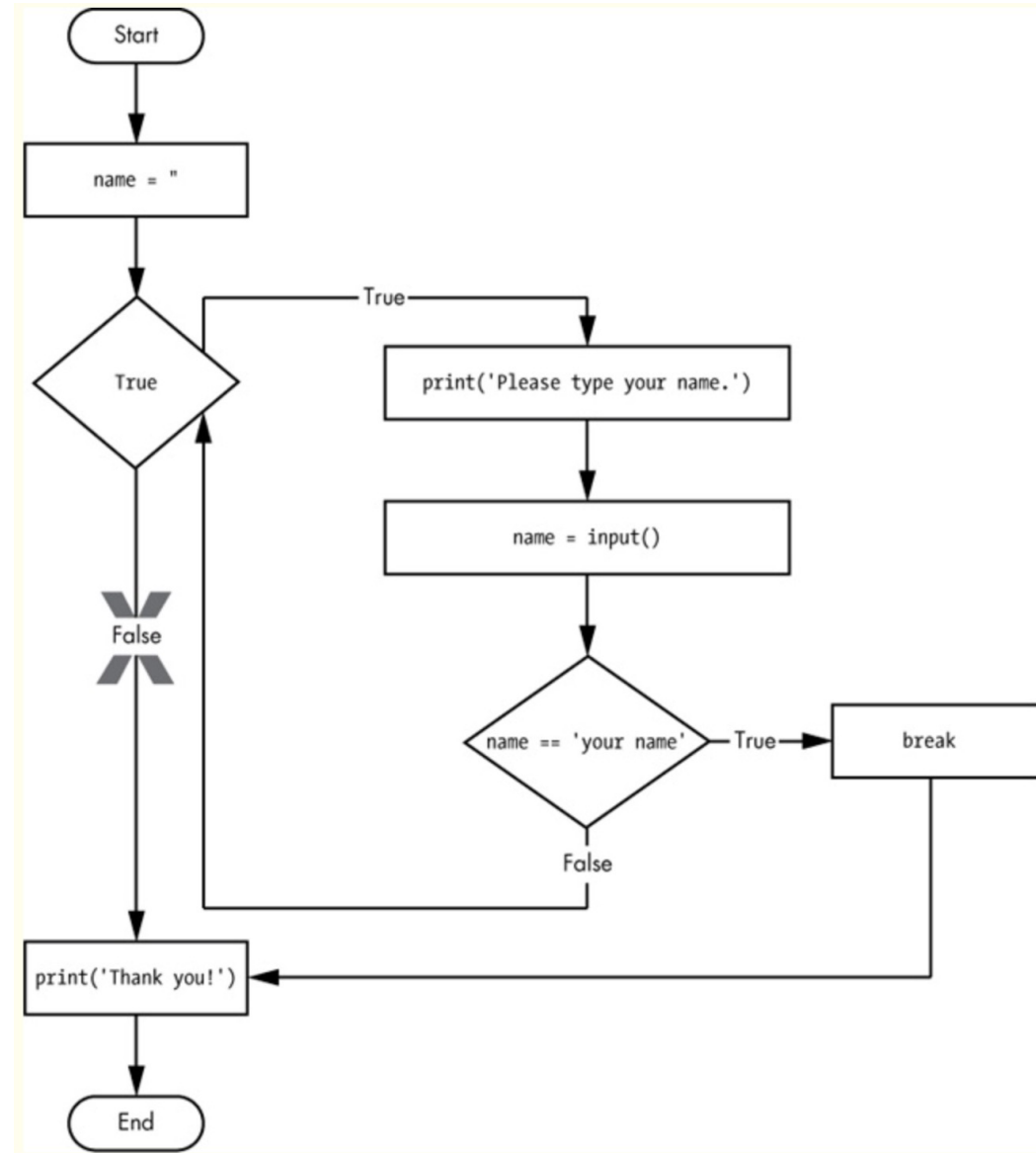
while & For

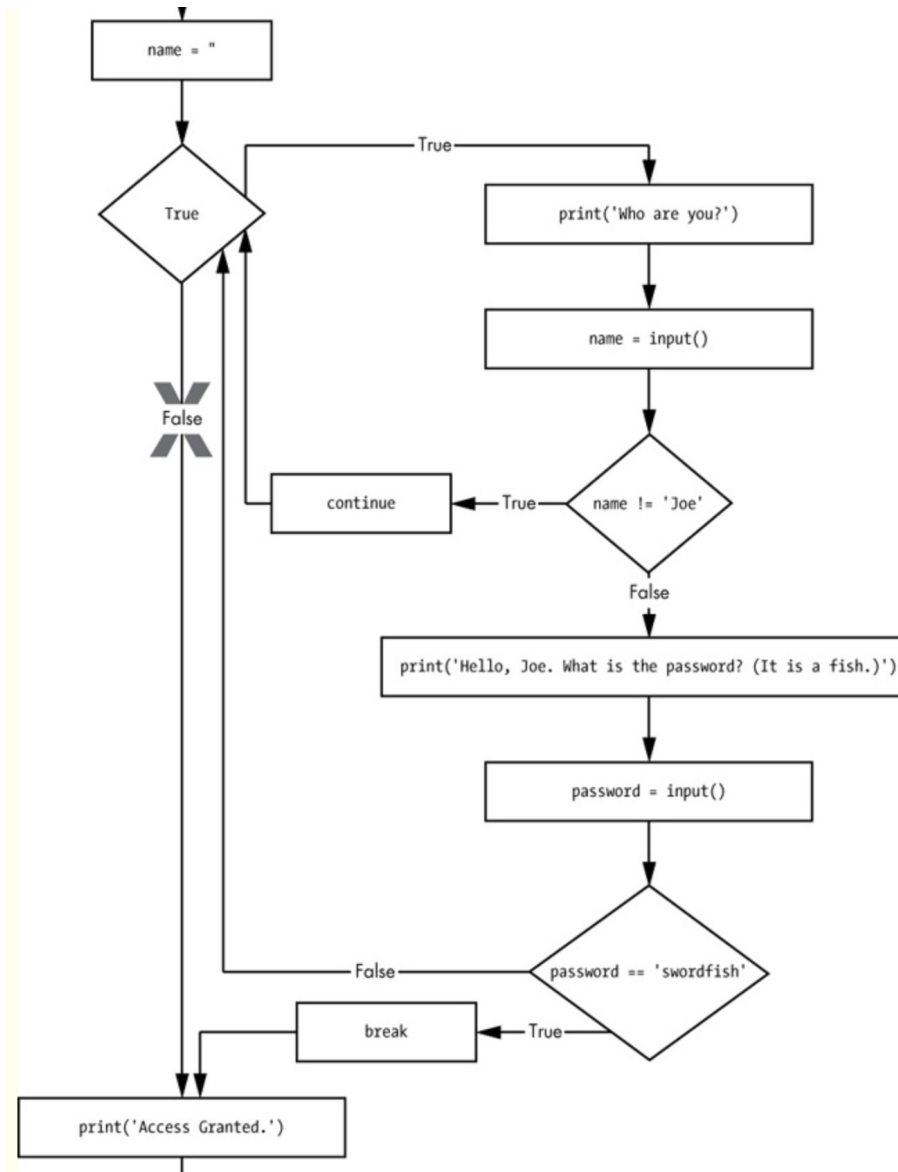






```
❶ while True:
    print('Please type your name.')
❷     name = input()
❸     if name == 'your name':
❹         break
❺ print('Thank you!')
```





```
while True:
```

```
    print('Who are you?')
```

```
    name = input()
```

```
    if name != 'Joe':
```

```
        continue
```

```
    print('Hello, Joe. What is the password? (It is a fish.)')
```

```
    password = input()
```

```
    if password == 'swordfish':
```

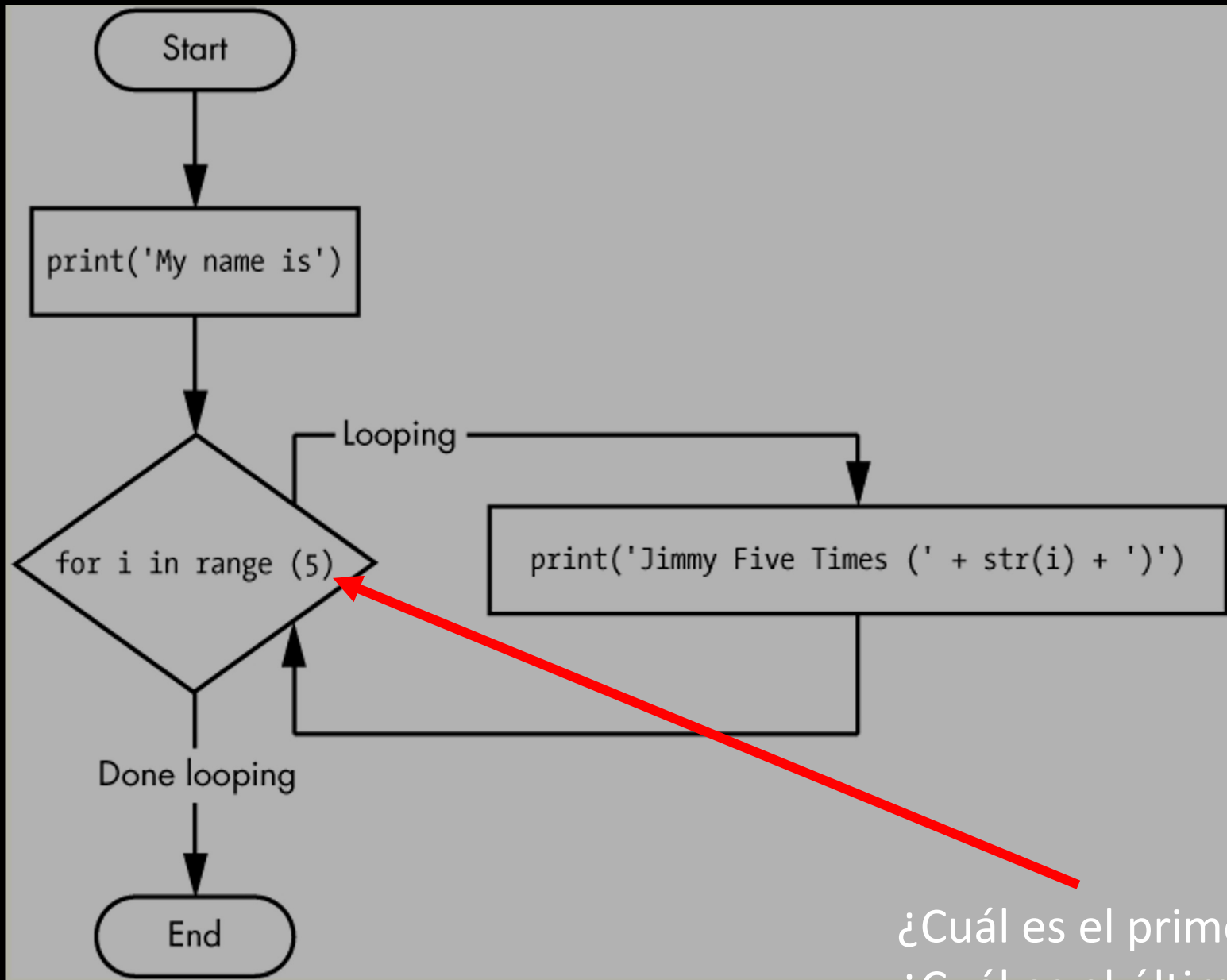
```
        break
```

```
print('Access granted.')
```

```
name = ''
while not name:❶
    print('Enter your name:')
    name = input()
print('How many guests will you have?')
numOfGuests = int(input())
if numOfGuests:❷
    print('Be sure to have enough room for all your guests.')❸
print('Done')
```



For...



¿Cuál es el primer valor de `i`?

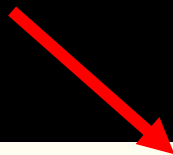
¿Cuál es el último valor de `i`?

¿Cuál es la comparación que se está realizando?

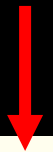
Lo que se hace con un "for" ¿se puede hacer con un "while"?

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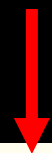
```
print('My name is')  
  
i = 0  
  
while i < 5:  
    print('Jimmy Five Times (' + str(i) + ')')  
    i = i + 1
```



```
for i in range(12, 16):  
    print(i)
```



```
for i in range(0, 10, 2):  
    print(i)
```



```
for i in range(5, -1, -1):  
    print(i)
```