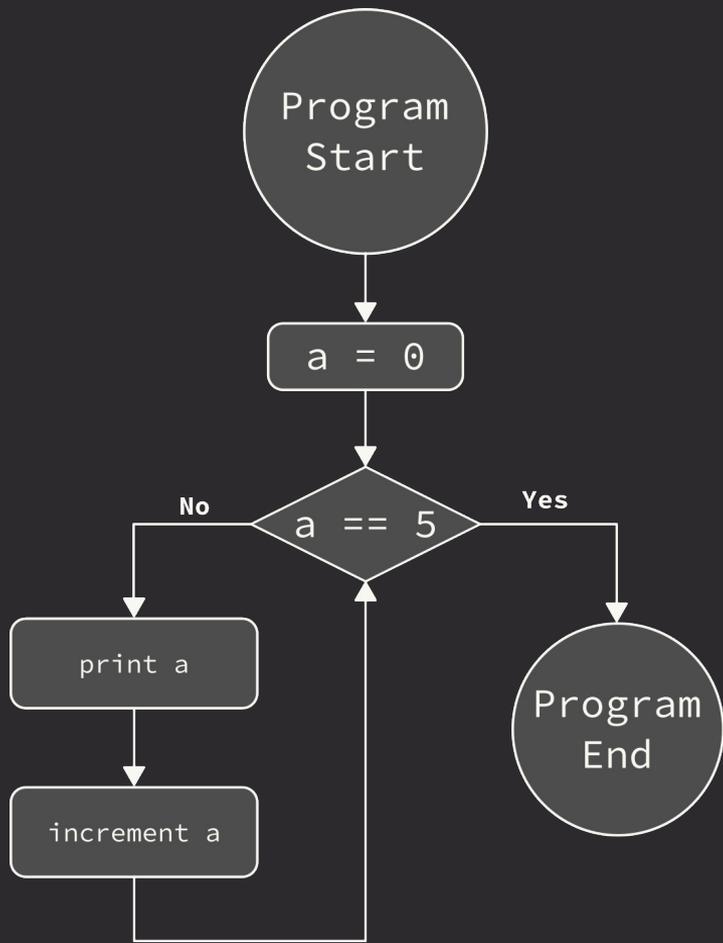


Fundamentals | Repetition using loops

■ Repetition

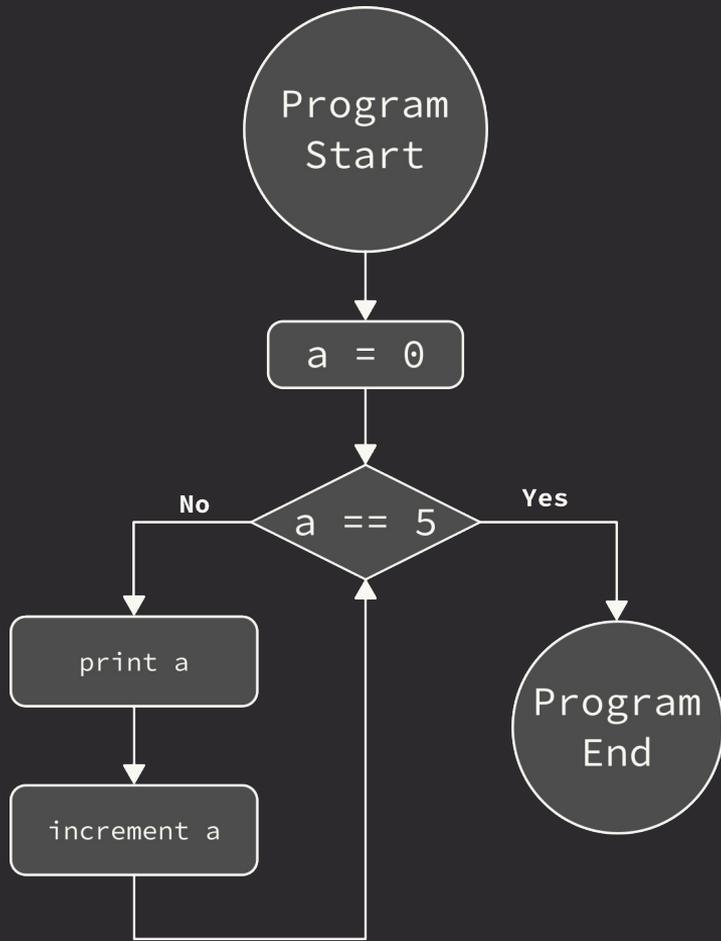
- ◆ Called “looping” or “iteration”
- ◆ Multiple types of loops
 - “loop” – infinite loop
 - “while” – conditional loop

Loop



```
let mut a = 0;
loop {
    if a == 5 {
        break;
    }
    println!("{:?}", a);
    a = a + 1;
}
```

While loop



```
let mut a = 0;
while a != 5 {
    println!("{:?}", a);
    a = a + 1;
}
```

Recap

- ◆ Repetition can be performed using loops
 - While loop
 - Infinite loop
- ◆ Both types of loops can exit using “break”