

init
while test T/F?
loop body
update

```
int i = 1 ← init cond  
while i <= 5 ← test T/F  
  print i  
  i += 1 ← update
```

```
for (init ; test ; update) {  
  loop body  
}
```

```
→ for (int i = 1 ; i <= 5 ; i += 1) {  
  - print i  
}
```

Annotations: 'init' points to `i = 1`, 'test' points to `i <= 5`, and 'update' points to `i += 1`.

```
{  
  i  
  1  
  2  
    
  2
```