

```
j = 1
for i = 1 to 10
    print i
    j = j × i
print j
```

```
1 void
2 fibonacci(int i) {
3     int a, b;
4     a = b = 1;
5     for(; i ≥ 0; i = i - 1) {
6         a = a + b;
7         b = a - b;
8     }
9     return a;
10 }
11
12 void swap(int &i, int &j)
13 {
14     *i = *i + *j;
15     *j = *i - *j;
16     *i = *i - *j;
17 }
```