

INT102W1_伪代码(Pseudo Code)

特点：更像自然语言，同时也类似于程序语言

■ 申明 (statement)

- 赋值语句：

变量=表达式

```
1 result = 3 * 4
```

- 并列语句

```
1 begin
2     statement1
3     statement2
4 end
```

■ 条件 (conditional)

```
1 //if
2 if condition then
3     statement
4
5 //if-else
6 if condition then
7     statement
8 else
9     statement
```

■ 循环 (iterative/loop)

```
1 //for循环
2 for var = value1 to value2 do
3     statement
4
```

```
5 //while循环（条件先行）
6 while condition do
7     statement
8
9 //先执行后判断，类似do-while（条件后行）
10 repeat
11     statement
12 until condition
```