What do I still know about programming from NuT?

☐ female   ☐ male

In each coordinate system you will see a red arrow in the start cell. A small sequence has been written to move the arrow, which you can see to the right of the coordinate system.
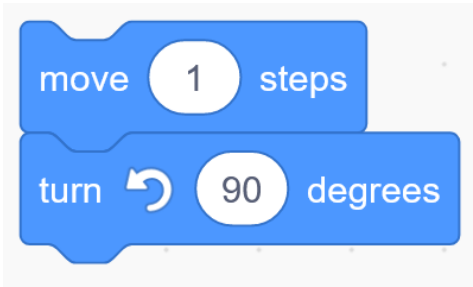
Consider the effects of the sequence on the red arrow.

Draw the arrow in the box where it is at the end of the sequence. Pay attention to which way the arrow points at the end.

Example 1

(Arrow at the end of the sequence)

Item 1

	1	2	3	4	5	6	7	8
8								
7								
6								
5								
4								
3		↑						
2								
1								

```
move 1 steps
move 1 steps
turn ↻ 90 degrees
move 1 steps
move 1 steps
turn ↺ 90 degrees
turn ↺ 90 degrees
move 1 steps
```

Item 2

	1	2	3	4	5	6	7	8
8								
7								
6								
5								
4								
3		↑						
2								
1								

```
repeat 3
    move 1 steps
    turn ↻ 90 degrees
```

Item 3

	1	2	3	4	5	6	7	8
8								
7								
6								
5								
4								
3		↑						
2								
1								

```
repeat 3
    repeat 2
        move 1 steps
        turn ↻ 90 degrees
    move 1 steps
```

Item 4

8								
7								
6			🟨	🟨	🟨	🟨		
5			🟨	🟨	🟨	🟨		
4			🟨	🟨	🟨	🟨		
3			↑	🟨	🟨	🟨		
2			🟨	🟨	🟨	🟨		
1			🟦	🟦	🟦	🟦		
	1	2	3	4	5	6	7	8

```
repeat while ( cell = yellow )
    turn ↻ 90 degrees
    move 1 steps
    turn ↺ 90 degrees
    move 1 steps
```

Item 5

8								
7								
6			🟨	🟨	🟨	🟨		
5			🟨			🟨		
4			🟨			🟨		
3			↑			🟨		
2			🟨			🟨		
1			🟦	🟦	🟦	🟦		
	1	2	3	4	5	6	7	8

```
if ( cell = yellow ) then
    move 1 steps
    turn ↺ 90 degrees

turn ↺ 90 degrees
```

Item 6

8								
7								
6				🟨	🟨			
5				🟨	🟨			
4				🟨	🟨			
3			↑	🟨	🟨			
2				🟨	🟨			
1			🟦	🟦	🟦	🟦		
	1	2	3	4	5	6	7	8

```
if ( cell = yellow ) then
    move 1 steps
    turn ↺ 90 degrees

turn ↺ 90 degrees
```

Item 7

8								
7								
6			🟨	🟨	🟨	🟨		
5			🟨			🟨		
4			🟨			🟨		
3			↑			🟨		
2			🟨			🟨		
1			🟦	🟦	🟦	🟦		
	1	2	3	4	5	6	7	8

```
repeat 4
  move 1 steps
  if ( cell = yellow ) then
    turn ↻ 90 degrees
  else
    move 1 steps
```

Item 8

8								
7								
6			🟨	🟨	🟨	🟨		
5			🟨	🟨	🟨	🟨		
4			🟨	🟨	🟨	🟨		
3			↑	🟨	🟨	🟨		
2			🟨	🟨	🟨	🟨		
1			🟦	🟦	🟦	🟦		
	1	2	3	4	5	6	7	8

```
repeat while ( cell = yellow )
  repeat 2
    move 1 steps
    turn ↺ 90 degrees
    move 1 steps
  move 1 steps
```

Item 9

8								
7								
6			🟨	🟨	🟨	🟨		
5			🟨	🟨	🟨	🟨		
4			🟨	🟨	🟨	🟨		
3			↑	🟨	🟨	🟨		
2			🟨	🟨	🟨	🟨		
1			🟦	🟦	🟦	🟦		
	1	2	3	4	5	6	7	8

```
repeat 3
  repeat while ( cell = yellow )
    move 1 steps
  turn ↻ 90 degrees
  move 1 steps
  turn ↻ 90 degrees
  move 1 steps
```