

NAMES		GROUP	
		DATE	

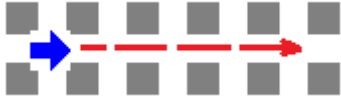
ITERATE

Command that allows the iteration of the instructions inside the brackets

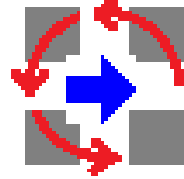
Syntax:

```
iterate(n){  
commands to be repeated  
}
```

Examples:

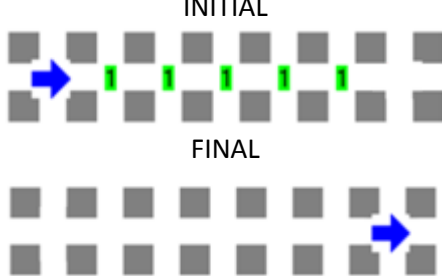
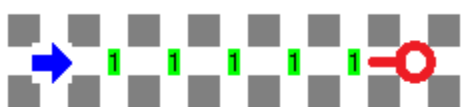
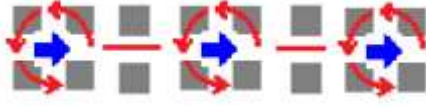
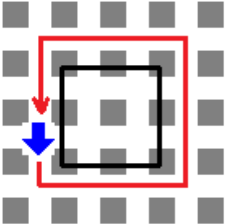
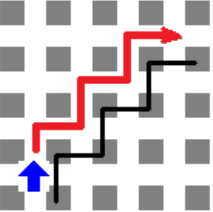


```
class program {
  program() {
    iterate(4){
      move();
    }
    turnoff();
  }
}
```



```
class program{
  program() {
    iterate(3){
      turnleft();
    }
    turnoff();
  }
}
```

Exercises: Create the following programs using ITERATE wherever needed.

<p>1. Pick up all the beepers.</p> 	<p>2. Pick up all the beepers and put them in the circle.</p> 
<p>3. Karel is taking dance classes.</p> 	<p>4. Move around the block and stop at the origin.</p> 
<p>5. Go up the stairs and stay at the top.</p> 	<p>6. Jump the obstacles</p> 