

Graph Paper Programming

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Game #2

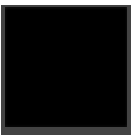

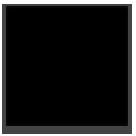
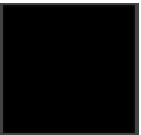
<i>m</i> <small>Step 1</small>	→ <small>2</small>	↓ <small>3</small>	<i>m</i> <small>4</small>	→ <small>5</small>	↓ <small>6</small>	<i>m</i> <small>7</small>	→ <small>8</small>	↓ <small>9</small>	<i>m</i> <small>10</small>	<small>11</small>	<small>12</small>	<small>13</small>	<small>14</small>	<small>15</small>
<small>Step 16</small>	<small>17</small>	<small>18</small>	<small>19</small>	<small>20</small>	<small>21</small>	<small>22</small>	<small>23</small>	<small>24</small>	<small>25</small>	<small>26</small>	<small>27</small>	<small>28</small>	<small>29</small>	<small>30</small>
<small>Step 31</small>	<small>32</small>	<small>33</small>	<small>34</small>	<small>35</small>	<small>36</small>	<small>37</small>	<small>38</small>	<small>39</small>	<small>40</small>	<small>41</small>	<small>42</small>	<small>43</small>	<small>44</small>	<small>45</small>

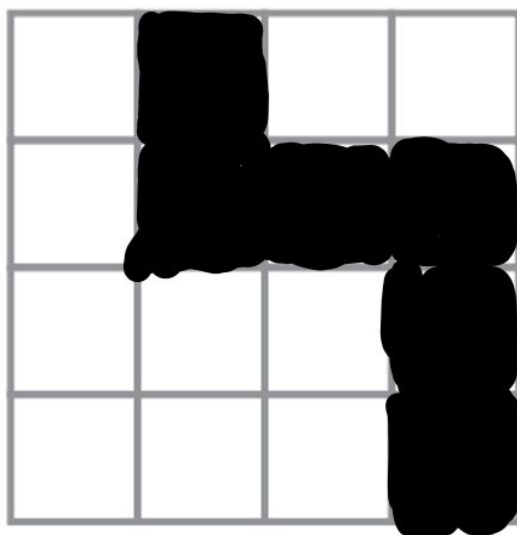
Method 2 (using function)

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def rdc():  
    go right, go down, and color
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color	rdc	rdc	rdc	
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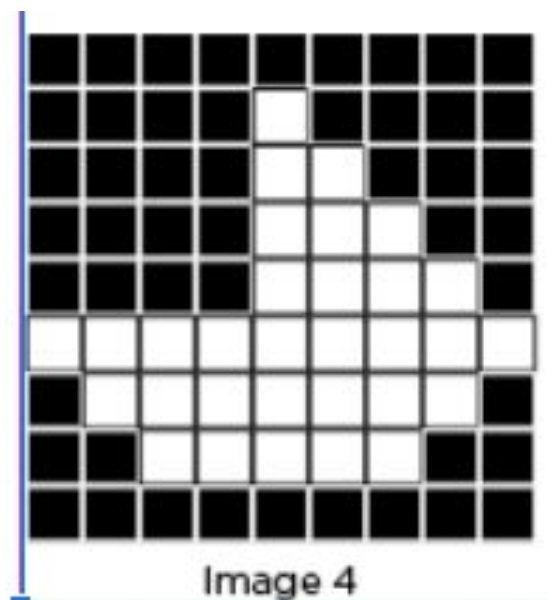
Method 1 (without using function)



Game#1

Game#5



Function:

def rc(x):

repeat go right, color x times

def lc(x):

repeat go left color x times

def gr(x): #go right x times

repeat go right x times

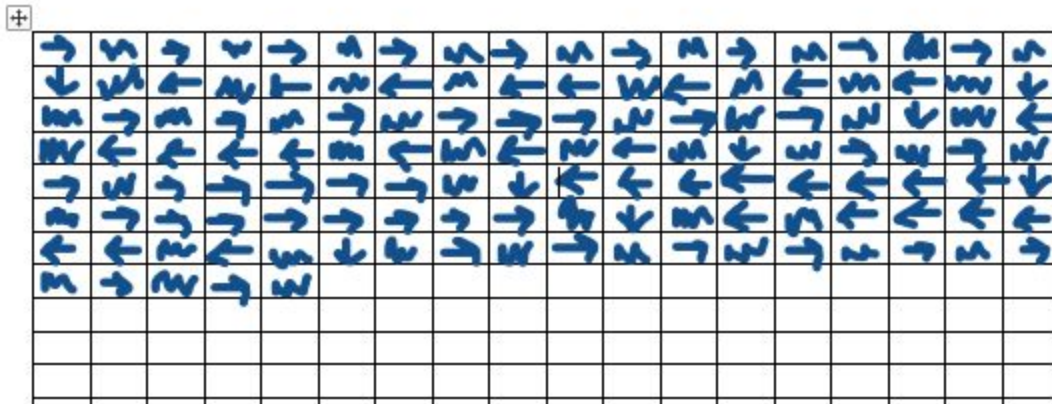
def gl(x): #go left x times

repeat go left x times

color	rc(8)	go down	cl(4)	go left	lc(4)	go down	rc(4)	gr(2)	rc(3)	go down	color
lc(1)	gl(3)	lc(4)	go down	color	rc(3)	gr(4)	rc(1)	go down	gl(8)	go down	color

gr(7)	rc(1)	go down	color	lc(1)	gl(5)	lc(2)	go down
color	rc(8)						

Drawing:



Game#6

