Part B:

9.

**ANS: 7**

(n=2 🡺 2+(1+2\*2) 🡺 7 > 6 🡺 loops stops)

**ANS: 57**

(n=2 🡺 n=2 🡺 2+(1+2\*2) 🡺 7 <10 🡺 loops continues

7(1+7\*7) 🡺 57 >10 🡺 loops stops)

**ANS 57**

**(**n=2 🡺 n=2 🡺 2+(1+2\*2) 🡺 7 <10 🡺 loops continues

7(1+7\*7) 🡺 57 >20 🡺 loops stops

10.

The fish follows the pointer of the mouse and draws a line of the track it’s going. The spacebar cause the color of the pen to change.

11.

Prediction: we have the pen up, and direction to go to the center (0,0) the the pen is put down and a random color is picked. Then we have a loop of 4 times moving the same distance and turning 90 each time 🡺 drawing a square at the center of the page.