Name : _Warren_____   **Date :_8/21/22_____**
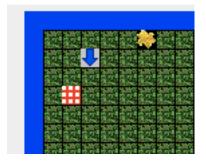
Jeroo Worksheet 1

BASICS

1.   **How many Jeroos can you create in 1 program?**   _4_____

2.   **What is the one method you MUST have in your program?**   method main() {}

3.   **Write the code to create a new Jeroo named neo.**   Jeroo neo = new Jeroo();
                                                              _____

4.   **Write the code to make neo hop one space forward.**   neo.hop();
                                                              _____

5.   **Write the code to make neo turn right.**   neo.turn(RIGHT);

6.   **Write the code to make neo hop forward 5 times .**   neo.hop(5);
                                                              _____

7.   **Knowing the way maps are ordinarily represented,
     what direction would you say Nelson (above) is facing?**   SOUTH_____

8.   **What is the exact location of the flower?**   _(0,5)_____

9.   **Where is the net?**   _(3,1)_____

10. **What is Nelson's location?**   _(1,2)_____

11. **What are the default values for a Jeroo?**

___0_____ **flowers**   **starting location** _(0,0)_____   **facing** _EAST_____

Name : _____   Date : _____

Jeroo Constructors Worksheet

1. Write the constructor for a Jeroo named Bob.

    Jeroo Bob = new Jeroo();

2. Write the constructor for a Jeroo named Bob facing west.

    Jeroo Bob = new Jeroo(0,0,WEST);

3. Write the constructor for a Jeroo named Bob at position (5,0).

    Jeroo Bob = new Jeroo(5,0);

4. Write the constructor for a Jeroo named Bob facing south at (7,7)

    Jeroo Bob = new Jeroo(7,7,SOUTH);

5. Write the constructor for a Jeroo named Bob holding 6 flowers.

    Jeroo Bob = new Jeroo(0,0,6);

6. Write the constructor for a Jeroo named Bob holding 5 flowers facing east.

    Jeroo Bob = new Jeroo(0,0,EAST,5);

7. Write a constructor for a Jeroo named Bob holding a flower, facing west at (6 , 1).

    Jeroo Bob = new Jeroo(6,1,WEST,1);

8. Write the constructor for a Jeroo named Bob facing north with 2 flowers.

    Jeroo Bob = new Jeroo(0,0,NORTH,2);

9. Write the constructor for a Jeroo named Bob holding 6 flowers in the bottom left corner of the island.

    Jeroo Bob = new Jeroo(23,0,6);

10. Write the constructor for a Jeroo named Bob holding 1 flower in the top right corner of the island facing east.

    Jeroo Bob = new Jeroo(0,23,EAST,1);