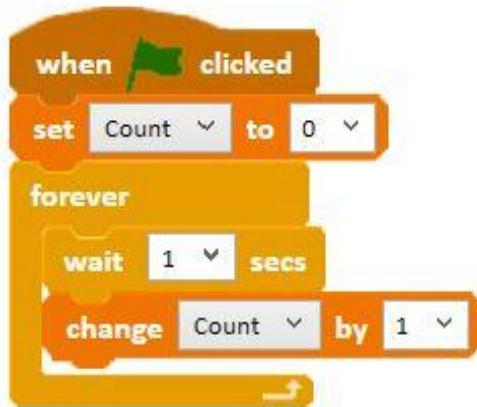
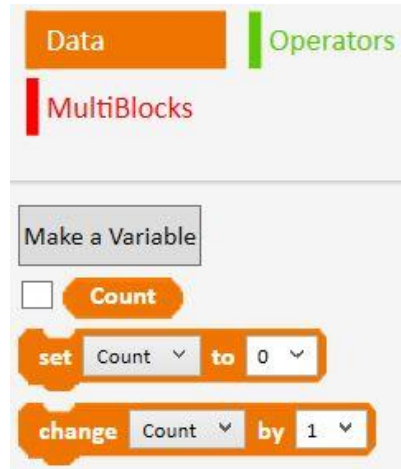


# Lesson 3: Variable Counting

I can use a variable to make PicoH count



## Demonstration: using a variable to make PicoH count



*File, Save As - countinones*

## Activities

1. Can you write a program to make PicoH count in twos?
2. Can you write a program to make PicoH count in fives?
3. Can you write a program to make PicoH count in tens?
4. Can you write a program to make PicoH count in a 3 digit number?
5. Can you write a program to make PicoH count in a 4 digit number?



Example: Using a variable to make PicoH count in twos

```
when clicked
  set Count to 0
  forever
    wait 2 secs
    change Count by 2
```



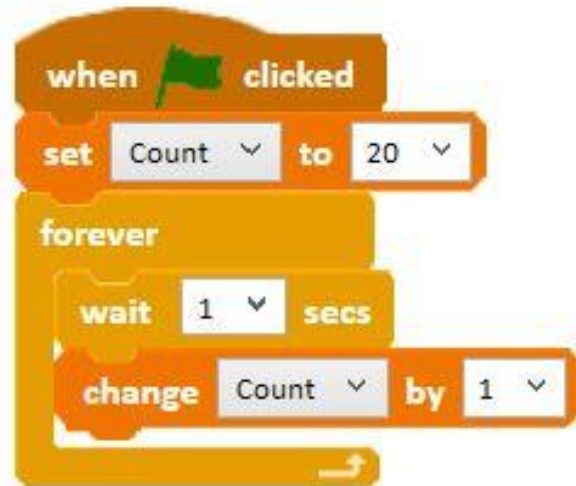
## Extension 1

Can you make PicoH start counting from a different number?

Can you make PicoH start counting in ones starting at 20?



Example: counting from 20 in ones



File, Save As – countfrom20



## Extension 2

2. Can you make PicoH count in twos starting from 30?
3. Can you make PicoH count in fives starting from 25?
4. Can you make PicoH count in tens starting from 100?
5. Can you make PicoH count in steps of 125 starting from 1000?

