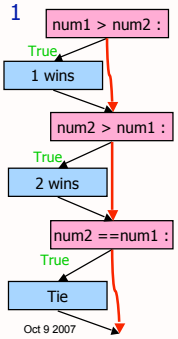
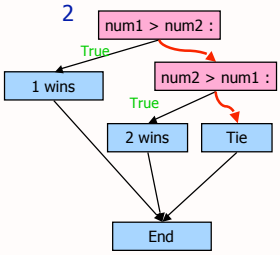
Probs 1, 2 Efficiency

1



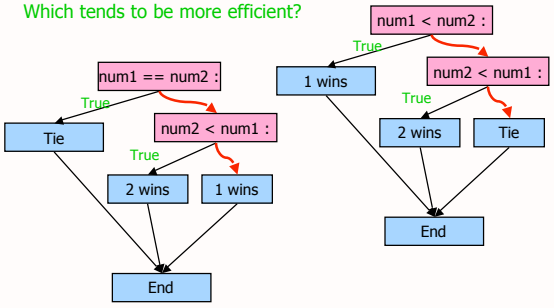
2



Consider case num1=5, num2=3

Prob 2 Efficiency

Which tends to be more efficient?



BMI problem

- Probably better to compute as a float and then round to nearest integer
  - How would you do that?
- Most elegant if/else condition:

```
if bmi < 19:
        print "below"
elif bmi > 25:
        print "above"
else:
        print "in range"
```

As opposed to

```
if bmi >= 19 and bmi <=25 :
        print "in range"
elif bmi > 25:
        print "above"
else:
        print "below"
```

Both are correct

Efficiency and Elegance

- Start thinking more about efficiency and elegance when writing programs
- Good variable names, good comments, good spacing

Lab 4

- Turn in before end of class