FLOW CONTROL

if,else, true and false

```
> 1 < 0
=> false
> 10 > 1
=> true
> "hello" == "hello"
=> true
> 100 >= 100
=> true
> true != false
=> true
```

COMPARISON OPERATORS

- < (less than?)
- <= (less than or equal?)
- > (greater than?)

- >= (greater than or equal?)
- == (equal?)
- != (not equal?)

```ruby
puts "Hey! What's your name?"
response = gets.chomp

if response.downcase == 'computer'
  puts "Weird, that's my name too. Small world!"
else
  puts "Wacky name!"
end

puts "Well, it was nice to meet you " + response + "."
```

FLOW CONTROL

if and else allow us to control the flow of our program, we can branch your code. The concept is pretty simple, you can pretty much read the code aloud and you will understand the logic used.

ASSIGNMENT

Create an adventure story using the flow control concept. Your story should have 3 possible story lines. Each story line must contain at least three possible endings.

run `ruby story.rb` from the Terminal for an example.

```ruby
puts "It's a cool autumn after noon. You've been wondering around capitol hill. You're enjoying a lovely Molly Moons
ice cream cone. Ahhh... I love this city..."
puts "You notice a strange pod laying in Cal Anderson park, you walk over to investigate. You pull on a hatch on the
outside of the pod, you feel the pressure around you changing, the pod bursts open and the wind starts rushing into the
space."
puts "You've suddenly been sucked into a cryogenic time machine?"
puts "What year do you think it is?"
year = gets.chomp.to_i

if year >= 2013
  puts "The human race has been obliterated. All clues indicate the the feline race has taken over. Cat toys are
everywhere. Sky scrapers have been replaced with oversized scratching posts. Cat's lazily lay everywhere."
  puts "Do you LOVE cats?"
  response = gets.chomp
  if response[0].downcase == "y"
    puts "I'm not in a time machine! I've died and gone to heaven!"
  else
    puts "The future is bleak.... guhhhh...."
  end
end

if year < 1500
  puts "You've landed in King Arthurs court! There aren't many friendly faces around. It looks like they may think you
are a practitioner of the black arts. Luckily you know that a solar eclipse occurs at #{Time.now.strftime('%I:%M:%S
%p')} on #{Date.today.strftime('%A, %b %d')}, #{year}"
  puts "Do you want to show off your 'black arts' by predicting the eclipse?"
  response = gets.chomp
  if response[0].downcase == "y"
    puts "The kingdom is terrified of your great power. But you show compassion and let all know that you won't use
your great power for harm unless you are threatened. You live a long and happy life as Merlins succussor."
  else
    puts "You are burned at the stake :("
  end
end

if year >= 1500 && year < 2013
  puts "Be careful not to touch anything. What if you disturb the space time continuum!?! *Silently waits...*"
end
```