

Input & Methods

CS105 : Saelee

static

```
name = "Michael"  
puts "Hello, #{name}"  
puts "Pleased to meet you, #{name}."  
puts "#{name}, welcome to CS 105!"  
puts "The name of your instructor is Michael Saelee."  
puts "Thanks for reading, #{name}!"
```

edit,
save,
run



dynamic

randomized data

input

source: user / environment

gets

returns a string

Demo

- basic semantics
- with prompt
- try with numbers

only strings

type conversion

to_s

to_i

to_f

Demo

`object.command`

object.*message*

object.*method*

all methods are on objects

all data are objects

all objects have methods

method arg

method(arg)

method arg1, arg2, ...

method(arg1, arg2, ...)

string: +, reverse, chomp, ...

number: +, -, /, *, abs, ...

irb

interactive
experimentation

Demo

- irb basics
- return values vs. side effects (puts vs. gets)
- various methods
- +, etc. as methods
- "methods" method

Ruby RDoc