

README

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prepPrubychallenges

The Ruby challenge problems from the Markup and Coding course of the Viking Code School Prep Work

1 Ruby Calisthenics

1.1 Power

Write a method *power* which takes two integers (*base* and *exponent*) and returns the *base* raised to the power of *exponent*. Do not use Ruby's `***` operator for this!

```
> power(3,4)
=> 81 # (3*3*3*3)
```

```
def power(base,exponent)
  # returns base raised to the power of exponent without the use of ** operator

  a = base
  b = exponent
  c = []

  b.times do
    c.push a
  end

  #c.inject(0) {|d,e| d*e}
  c.inject(1) {|product, n| product * n}
end

power(2,3)
```

- 1.2 Factorial
- 1.3 Uniques
- 1.4 Combinations
- 1.5 Primes
- 1.6 Rectangle Overlap