Solidity Illustrated

Intro & State Variables

Ether and Wei

1 Ether = 10^18 Wei

= x wei

giga-wei

Gas and Gas Price

Transaction (Tx) fee = gas used * gas price (Gwei)

computations

high gas limit = many computations

low gas limit = few computations

tradeoffs

high gas price = short waiting time

low gas price = long waiting time

time

Invalid Functions

inputs

outputs

destructuring assignments

Function Modifiers

reentrancy guard

not enough gas

View and Pure Functions

view

pure

returns

Constructor

Inheritance (Override-1)

Inheritance (Override-2)

Inheritance (Order)

depth first

Inheritance (Constructor-1)

Inheritance (Constructor-2)

Inheritance (Events)

emit

Inheritance (Super)

super

Visibility

external
public
private
internal

Error

assert
require
revert

overflow

underflow

Enums

Structs

struct

Looping

Arrays

Payable

Mapping

Events

indexed

Sending Ether

Call

Delegatecall

delegatecall

Fallback Function