

# Writing Smart Contracts

## 08 Examples

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Supported by the Algorand Foundation

## Case study 1: Tinyman

- Decentralized trading protocol for the Algorand chain
- Pool-based exchange, economic model of Uniswap
- Low fees
- Everyone can create pools for any token pairs
  - ▶ Sell your own token
- Mainnet: <https://tinyman.org>
- Testnet: <https://testnet.tinyman.org>
- Nice API

## Case study 2: Wallet connect

- Integration of:  
Smart contract + website + phone wallet
- Core element of web3
- Standardized code for multiple wallet apps
- Works with
  - ▶ Javascript frameworks such as React
  - ▶ Python frameworks such as Django
- Example:  
<https://algorand.github.io/walletconnect-example-dapp/>
- Works on both testnet and mainnet