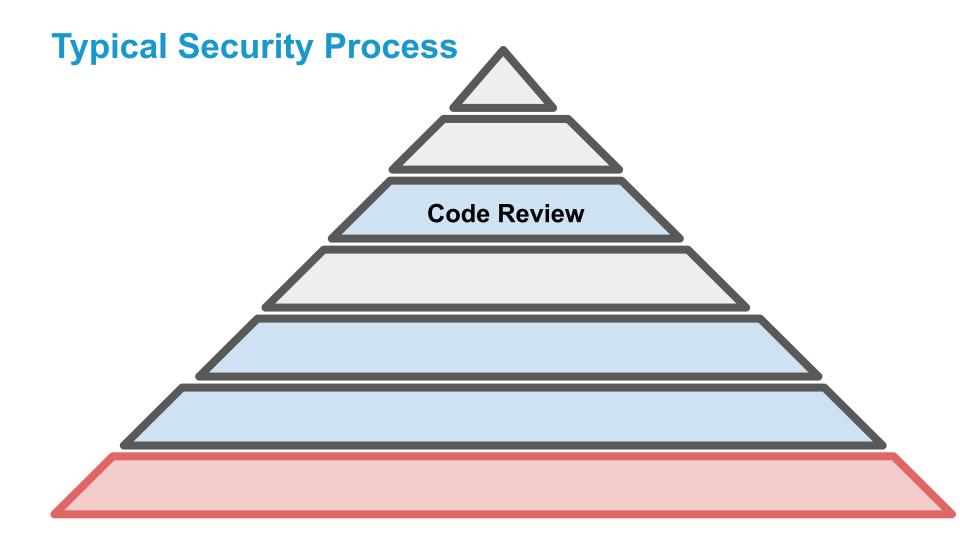
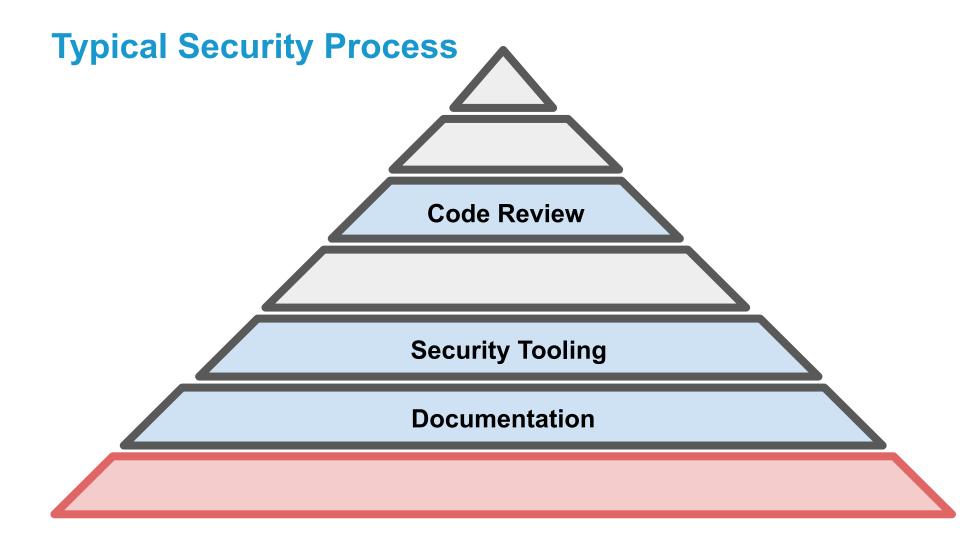
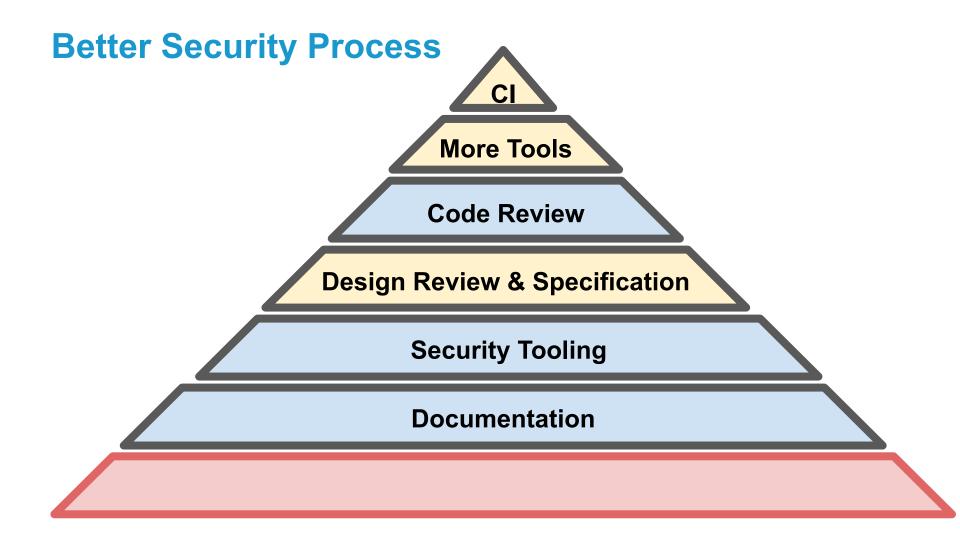


A Playbook of Secure Smart Contract Development

Palina Tolmach Runtime Verification







"Any user must be able to convert their [native] BTC assets into an equivalent amount of devconBTC"

Code Review

Design Review & Specification

Security Tooling

Documentation

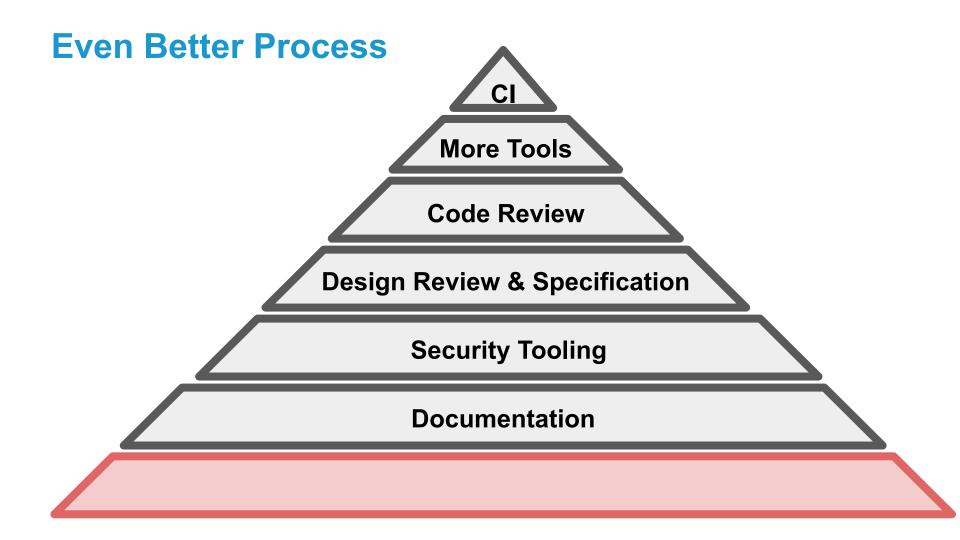
"Any user must be able to convert their [native] BTC assets into an equivalent amount of devconBTC"

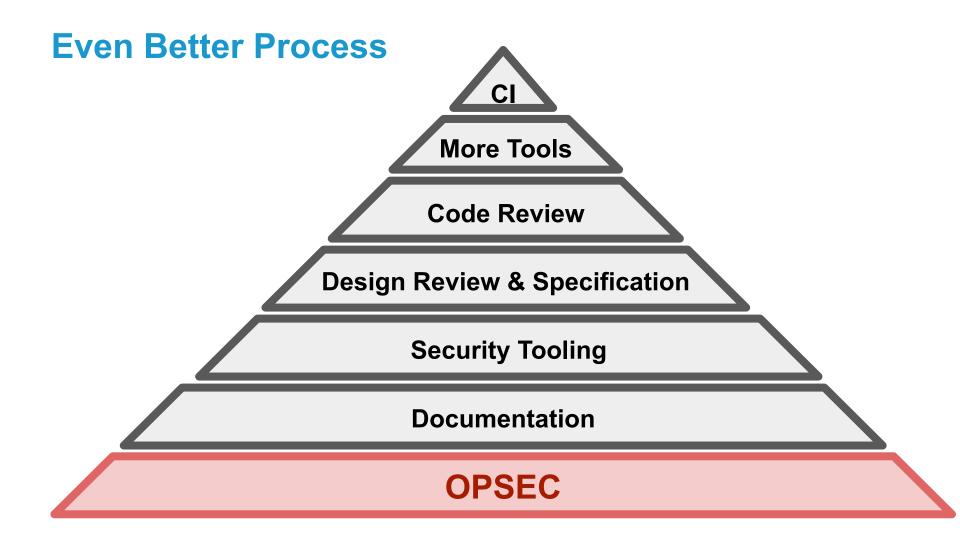
"Any user should be **NOT** able to convert their native assets into an equivalent amount of devconBTC on a non-BTC chain"

Documentation

```
000
    function test mint revertsWithETH(uint256 valueETH) public {
        // run the test on ETH Mainnet
        vm.chainId(1);
        // the ETH used for minting is positive
        vm.assume(valueETH > 0);
        // sender has enough ETH to mint
        vm.deal(address(this), valueETH);
        // minting should not succeed
        vm.expectRevert();
        vault.mint{value: valueETH}();
```

"Any user should be **NOT** able to convert their native asserts into an equivalent amount of devconBTC **on a non-BTC chain**"

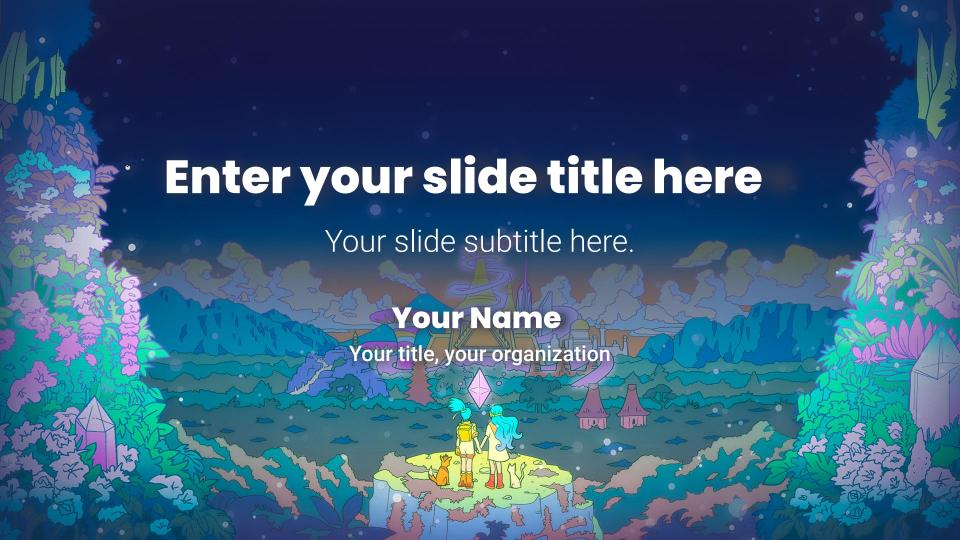






Thanks!

- @rv_inc
- 🏏 @palinatolmach
- https://discord.com/invite/CurfmXNtbN
- https://docs.runtimeverification.com
- https://github.com/runtimeverification





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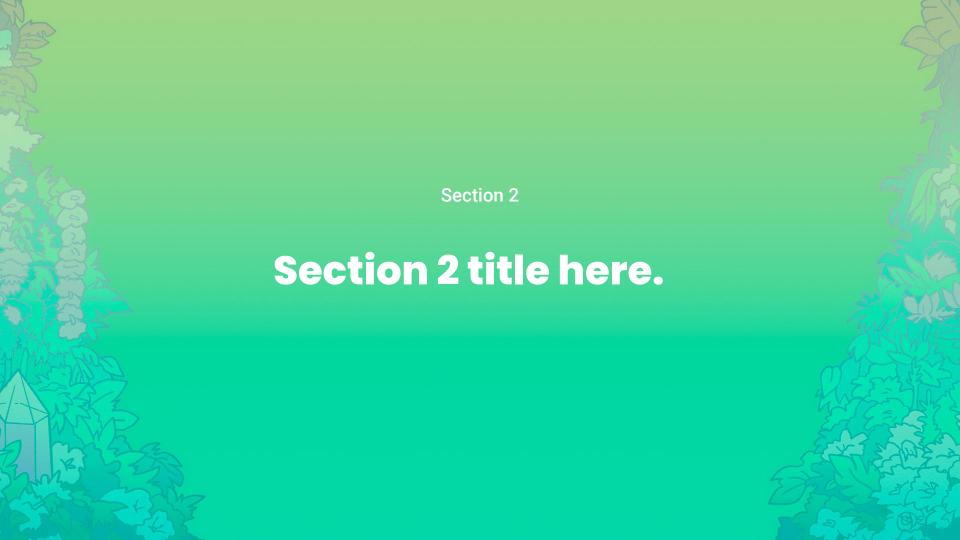
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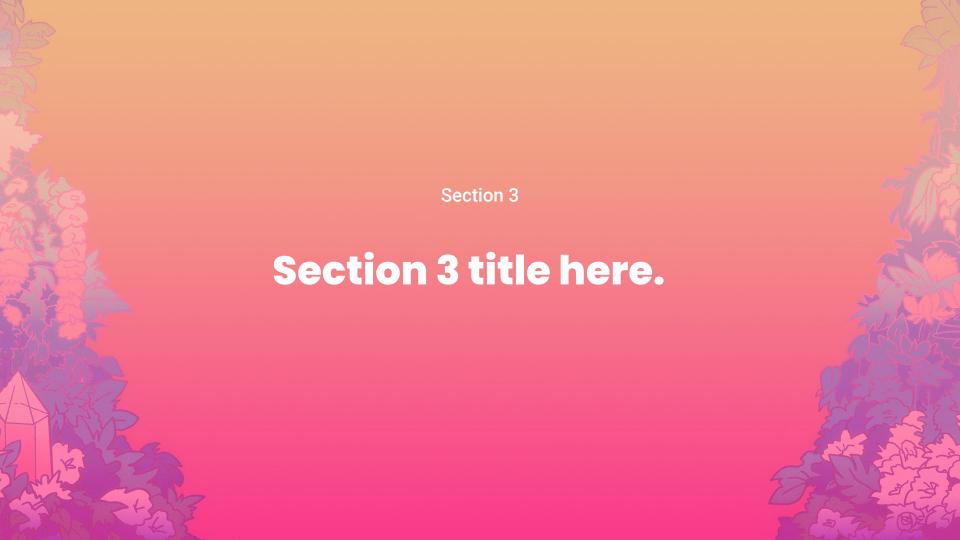
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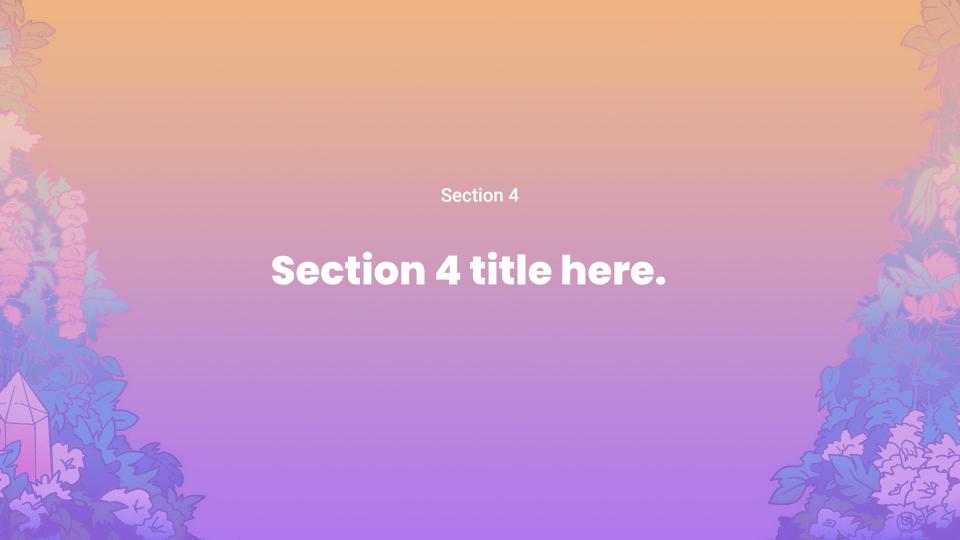
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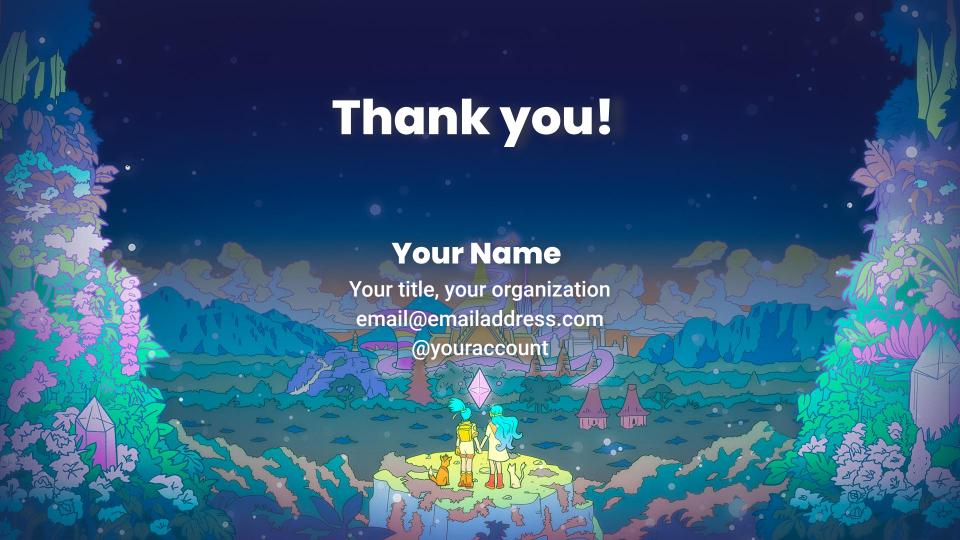
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"Number rules the universe."

Pythagoras



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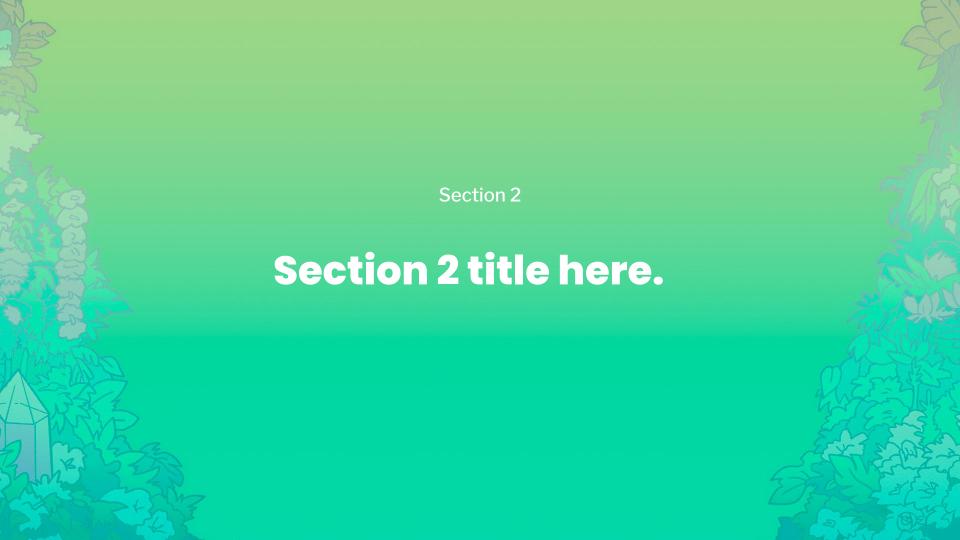
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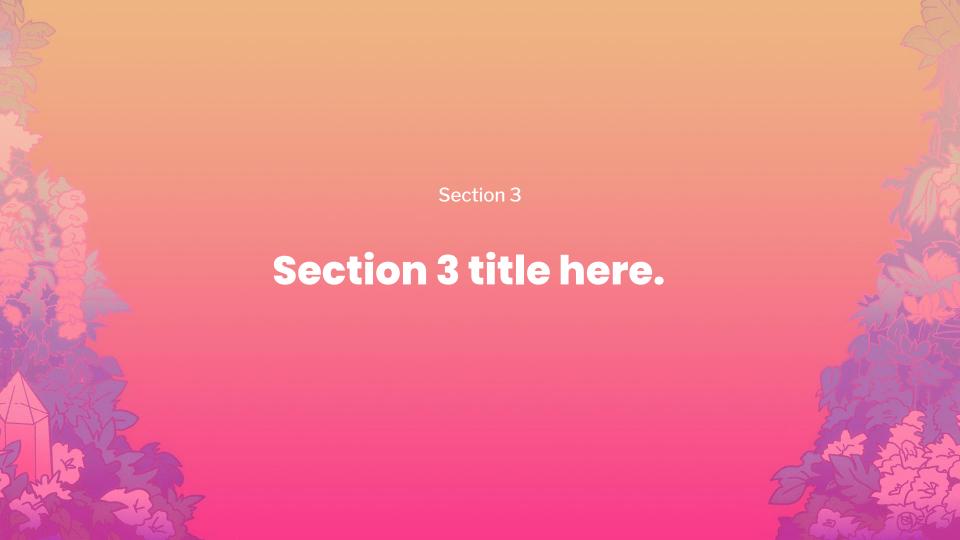
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Pythagoras

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Section 1

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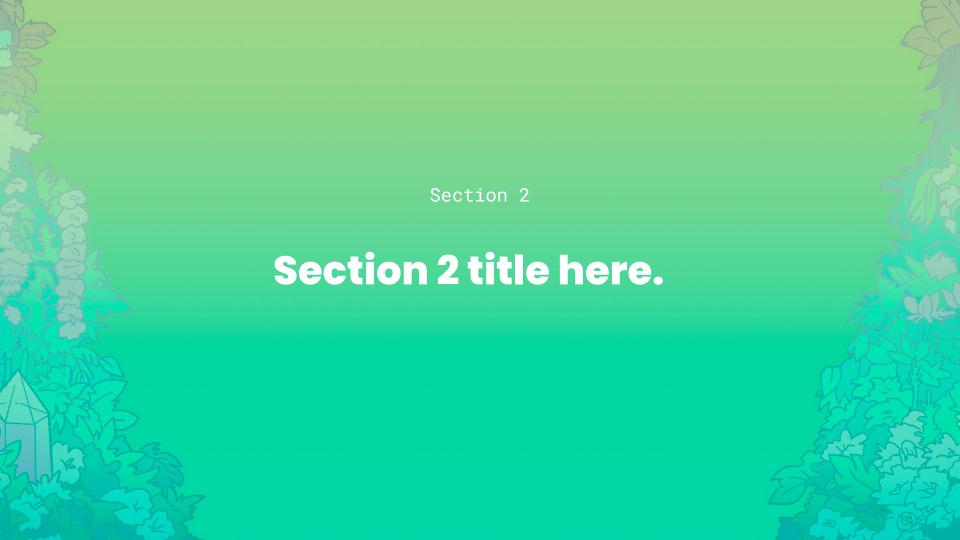
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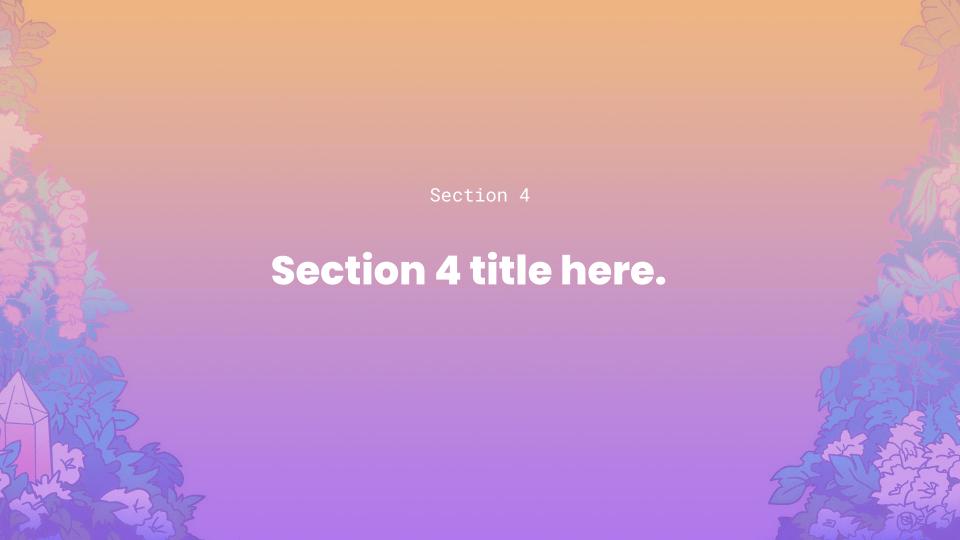


Section 3

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Event 1 Event 2 Event 3

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