

## Homework 2

### Try out the Solidity Template

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1. Start a new project using the [Solidity Template](#)
2. Make a fork of mainnet from the command line (you may need to setup an Infura or Alchemy account)
3. Query the mainnet using the command line to retrieve a property such as latest block number.

### Solidity

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1. Write a function that will delete items (one at a time) from a dynamic array without leaving gaps in the array. You should assume that the items to be deleted are chosen at random, and try to do this in a gas efficient manner.  
For example imagine your array has 12 items and you need to delete the items at indexes 8, 2 and 7.  
The final array will then have items {0,1,3,4,5,6,9,10,11}