Our Solution(s) Run Code

Solution 1

```
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// O(nd) time | O(n) space
function minNumberOfCoinsForChange(n, denoms) {
  const numOfCoins = new Array(n + 1).fill(Infinity);
  numOfCoins[0] = 0;
  for (const denom of denoms) {
    for (let amount = 0; amount < numOfCoins.length; amount++) {
      if (denom <= amount) {
        numOfCoins[amount] = Math.min(numOfCoins[amount], numOfC
      }
    }
  }
  return numOfCoins[n] !== Infinity ? numOfCoins[n] : -1;
}

exports.minNumberOfCoinsForChange = minNumberOfCoinsForChange;

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```
function minNumberOfCoinsForChange(n, denoms) {
  // Write your code here.
}

// Do not edit the line below.
exports.minNumberOfCoinsForChange = minNumberOfCoinsForChange;

```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.