Our Solution(s) Run Code

Solution 1

```go
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package main

import "math"

func MinNumberOfCoinsForChange(n int, denoms []int) int {
  numOfCoins := make([]int, n+1)
  for i := range numOfCoins {
    numOfCoins[i] = math.MaxInt32
  }
  numOfCoins[0] = 0
  for _, denom := range denoms {
    for amount := range numOfCoins {
      if denom <= amount {
        numOfCoins[amount] = min(numOfCoins[amount], numOfCoins[amount-denom]+1)
      }
    }
  }
  if numOfCoins[n] != math.MaxInt32 {
    return numOfCoins[n]
  }
  return -1
}

func min(arg1 int, rest ...int) int {
  curr := arg1
  for _, num := range rest {
    if num < curr {
      curr = num
    }
  }
  return curr
}

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```go
package main

func MinNumberOfCoinsForChange(n int, denoms []int) int {
  // Write your code here.
  return -1
}

```

Custom Output Raw Output Submit Code

Run or submit code when you're ready.