```
func is_prime(n int) bool {
                                               def is_prime?(n)
 if n < 2 {
                                                  return false if n < 2
   return false
                                                  return true if n == 2
 } else if n == 2 {
                                                  return false if n.even?
   return true
 } else if n % 2 == 0 {
                                                                               Ruby
                        Go
   return false
                          Assignment Project and what Help
 } else {
                               https://powcoder.com/date * candidate <= n
   candidate := 3
                                                    return false if n % candidate == 0
   for candidate * candidate <= n {
                               Add WeChat powcoder candidate += 2
     if n % candidate == 0 {
       return false
                                                  end
                                                  return true
     candidate += 2
                                               end
   return true
                                 Testing for Primes
```

```
func std_dev(nums []float64) float64 {
  avg := mean(nums)
                         mean is a function
                          written by the
                                               def std dev(nums)
  result := 0.0
                           programmer
                           n = nums.length
Assignment Project Exam Help
  for _, x := range nums {
                                                  mean = nums.sum / n
    diff := x - avg
                                https://powcoder.com_nums.map {|x| (x - mean)**2}
    result += diff * diff
                                Add WeChat povetuderMath.sqrt(diffs.sum / n)
  return math.Sqrt(result / float64(len(nums)))
                                                end
                                                                Ruby
```

Standard Deviation

```
def nbits(n)
func nbits(n int) []string {
                                                        return [] if n < 0
  if n < 0 {
                                                                                         Ruby
                          Go
                                                        return ['0','1'] if n == 1
    return []string{}
  } else if n == 1 {
    return []string{"0", "1"}
                                                        n1bits = nbits(n-1)
  } else {
                                 Assignment Project Exam Help zero = n1bits.map {|s| '0' + s}
    n1bits := nbits(n - 1)
    zero := append([]string{}, n1bits...)
                                       https://powcoder_nqBits.map {|s| '1' + s}
    one := append([]string{}, n1bits...)
                                        Add WeChat powcoder
    for i := range n1bits {
                                                        return zero + one
      zero[i] = "0" + zero[i]
                                                      end
      one[i] = "1" + one[i]
    return append(zero, one...)
```

Generating Bits