



#2.) Test Case from first while to next if to end:

N1 -> N2 -> N4 -> N10

(numPrimes > n) -> (showAll = false) -> listOfPrimes[0] = primes[numPrimes - 1]
-> (return listOfPrimes)

Input Values: n = 0, showAll = false.

3.) Test Paths that achieve edge coverage w/o prime path:

*Test Requirements: (1,2),(1,3), (2,4),(2,5),(3,6),(3,7),(4,10), (5,9), (5,10), (6,1),(6,8),
(7,3),(7,6), (8,1),(9,5)

a.) Path #1: (N1,N3,N7,N3,N6,N8,N1,N3,N7,N6,N1,N2,N4,N10)

*Edges Covered: (1,2),(1,3),(2,4),(3,6),(3,7),(4,10),(6,1),(6,8),(7,3),(7,6),(8,1)

*Input values: n = 3, showAll = false

b.) Path #2:

(N1,N3, N7,N3,N6,N8,N1,N3,N7,N6,N1,N2,N5,N9,N5,N10)

*Edges Covered: (1,2),(1,3),(2,5),(3,6),(3,7),(4,10),(5,9),(5,10),(6,1),(6,8),(7,3),(7,6),(8,1)(9,5)

*Input values: n = 3, showAll = true