```
105.computing a binomial coefficient.
Program:
def binomial_coefficient_iterative(n, k):
  if k < 0 or k > n:
    return 0
  result = 1
  for i in range(1, min(k, n - k) + 1):
    result = result * (n - i + 1) // i
  return result
# Example Usage
n = 5
k = 2
print(binomial_coefficient_iterative(n, k))
Output:
10
=== Code Execution Successful ===
Time complexity:
O(n*max(k,n-k))
```