```
Hybrania M
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```
public static int binomialCoefficient(int n, int k) {
   int res = 1;

   if (k > n - k)
        k = n - k;

   for (int i = 0; i < k; ++i) {
        res *= (n - i);
        res /= (i + 1);
   }
   return res;
}</pre>
```