

```

        vector<Mint> fact;

Mint comb(int n, int k) {
    if (fact.empty()) {
        Mint c;
        c = 1;
        fact.push_back(c);
    }
    while ((int) fact.size() < n + 1) {
        Mint sz;
        sz = max(1LL, (long long) fact.size());
        fact.push_back(fact.back() * sz);
    }
    if (n < k) return fact[0];
    Mint inv;
    inv = fact[k] * fact[n - k];
    return fact[n] / inv;
}

```

Figure 1: Combinaciones