

```
1 #include "../bits/stdc++.h"
2 /**
3  * 集合S の部分集合を列挙する
4  int S;
5  for (int sub = (S - 1) & S; sub != S; sub = (sub - 1) & S)
6  {
7  }
8  */
9
10 /**
11  * {0, 1, ..., n-1} に含まれるサイズk の部分集合列挙
12  int k;
13  int comb = (1 << k) - 1;
14  while (comb < 1 << n)
15  {
16      int x = comb & ~comb;
17      int y = comb + x;
18      comb = ((comb & ~y) / x >> 1) | y;
19  }
20  */
21
```