杂项

随机整数

```cpp
mt19937 rnd(time(NULL));

int a = std::uniform_int_distribution<int> (0,9)(rnd); // [0, 9]
int b = std::uniform_int_distribution<int> (1, 100)(rnd); // [1, 100]
```

离散化

```cpp
inline void disc(){
    for(int i = 1; i <= n; i++)
        t[i] = a[i];
    sort(t+1, t+n+1);
    int len = unique(t+1, t+n+1) - (t+1);
    for(int i = 1; i <= n; i++)
        a[i] = lower_bound(t+1, t+len+1, a[i]) - t;
}
```

二进制枚举子集

Code:

```cpp
for(int i = s; i; i = (i - 1) & s){
    //...;
}
```