### 快速幂

#include <cstdio>  
const int mod = 99991;  
  
template<typename T>  
T binPow(T base, T expo) {  
 T res = 1;  
 while (expo != 0) {  
 if (expo & 1)  
 res = (1LL \* res \* base) % mod;  
  
 base = (1LL \* base \* base) % mod;  
 expo >>= 1;  
 }  
 return res;  
}  
  
int main()  
{  
 long long base = 23, expo = 19898283988388888;  
 long long res;  
 for (int i = 0; i < 1000000; ++i)  
 res = binPow(base, expo);  
  
 printf("%lld\n", res);  
 return 0;  
}