SG函数模板

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| #include <stdio.h>  #include <string.h>  #define MAXN 1000 + 10  #define N 20  int f[N],SG[MAXN],S[MAXN];  void getSG(int n){  int i,j;  memset(SG,0,sizeof(SG));  for(i = 1; i <= n; i++){  memset(S,0,sizeof(S));  for(j = 0; f[j] <= i && j < N; j++)  S[SG[i-f[j]]] = 1;  for(j = 0;;j++) if(!S[j]){  SG[i] = j;  break;  }  }  }  int main(){  int n,m,k;  f[0] = f[1] = 1;  for(int i = 2; i <= 16; i++)  f[i] = f[i-1] + f[i-2];  getSG(1000);  while(scanf("%d%d%d",&m,&n,&k),m||n||k){  if(SG[n]^SG[m]^SG[k]) printf("Fibo\n");  else printf("Nacci\n");  }  return 0;  } |