

model_getMiu

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1  #include<bits/stdc++.h>
2  using namespace std;
3  typedef long long ll;
4  struct Miu{
5      int n;
6      ll ret;
7      Miu(int x):n(x),ret(0){solve();}
8      inline void solve(){
9          if(n==1) return ret=1,void();
10         int x=n;
11         int count=0;
12         for(int i=2;i*i<=x;i++){
13             int cnt=0;
14             while(x%i==0){
15                 cnt++;
16                 x/=i;
17             }
18             if(cnt>1) return;
19             count+=cnt;
20         }
21         if(x>1) count++;
22         if(count&1) ret=-1;
23         else ret=1;
24     }
25 };
26 int main(){
27     int n; scanf("%d",&n);
28     Miu miu(n);
29     printf("%lld\n",miu.ret);
30 }
```