码力题！！！

#include <iostream>

#include <algorithm>

#include <string>

#include<bits/stdc++.h>

using namespace std;

#define ll long long

ll num1[1000010],num2[1000010];

int main()

{

//freopen("input.txt","r",stdin);

ll a,x,y;

cin>>a>>x>>y;

if(y==0)

return puts("-1"),0;

if(y%a==0)

return puts("-1"),0;

ll t=y/a;

if(x==0)

if((t&1)==0 && t!=0)

return puts("-1"),0;

if((t&1)==0)

if(x>=a || x<=-a)

return puts("-1"),0;

if(t&1)

{

if((double)x>=(a/2.0) || (double)x<=(-a/2.0))

return puts("-1"),0;

}

if(t==0)

if((double)x>=(a/2.0) || (double)x<=(-a/2.0))

return puts("-1"),0;

else

return cout<<1<<endl,0;

num1[1]=2;num1[3]=5;

for(int i=5;i<=1000000;i+=2)

num1[i]=num1[i-2]+3;

num2[2]=4;num2[4]=7;

for(int i=6;i<=1000000;i+=2)

num2[i]=num2[i-2]+3;

if(t&1)

cout<<num1[t]<<endl;

else

cout<<(x>0?num2[t]:(num2[t]-1))<<endl;

return 0;

}