Problem Link:

<https://codeforces.com/problemset/problem/520/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** n, m;
* cin >> n >> m;
* **int** steps = 0;
* **while**(m > n)
* {
* **if**(m % 2 == 0)
* {
* m /= 2;
* }
* **else**
* {
* m += 1;
* }
* steps++;
* }
* steps += n - m;
* cout << steps << **"\n"**;
* **return** 0;
* }