Problem Link:

<https://codeforces.com/problemset/problem/1327/A>

Solution:

* **#include**<bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **long** **long** n, k;
* cin >> n >> k;
* **if**(n >= k \* k && (n % 2 == k % 2))
* {
* cout << **"YES\n"**;
* }
* **else**
* {
* cout << **"NO\n"**;
* }
* }
* **return** 0;
* }