Today I was having troubles remembering how to code [ternary search](http://en.wikipedia.org/wiki/Ternary_search) for integers. Through the ages, people have been taught to divide the interval into three equal length parts. Fortunately [sisu](http://codeforces.com/profile/sisu) told me that I should not... I believe this is a new thing for some people.

while(lo < hi) {

int mid = (lo + hi) >> 1;

if(f(mid) > f(mid+1)) {

hi = mid;

}

else {

lo = mid+1;

}

}