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Given a positive integer *num*, write a function which returns True if *num* is a perfect square else False.

**Note:** **Do not** use any built-in library function such as sqrt.

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class Solution {

public boolean isPerfectSquare(int num) {

if (num <= 0)

return false;

if(num == 1)

return true;

long l = 1;

long r = num;

while (l <= r) {

long mid = l + (r - l )/2;

long square\_val = mid \* mid;

if (square\_val == num) {

return true;

} else if (square\_val > num) {

r = mid - 1;

} else {

l = mid + 1;

}

}

return false;

}

}