/\* The isBadVersion API is defined in the parent class VersionControl.

boolean isBadVersion(int version); \*/

public class Solution extends VersionControl {

public int firstBadVersion(int n) {

int low = 1, high = n;

int res = -1;

while(low <= high) {

int mid = low + (high - low)/2;

if(isBadVersion(mid)) {

res = mid;

high = mid -1;

} else

low = mid + 1;

}

return res;

}

}