class Solution {

public boolean isPowerOfThree(int n) {

// Returns true if n is power of 3, else false

boolean check(int n);

{

/\* To prevent

java.lang.ArithmeticException: / by zero and

negative n \*/

if (n <= 0)

return false;

/\* The maximum power of 3 value that

integer can hold is 1162261467 ( 3^19 ) .\*/

return 1162261467 % n == 0;

}

if (check(n))

System.out.println("Yes");

else

System.out.println("No");

}

}