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## Can You Access? ★

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Problem

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You are given a class `Solution` and an inner class `Inner.Private`. The main method of class `Solution` takes an integer `num` as input. The `powerof2` in class `Inner.Private` checks whether a number is a power of 2. You have to call the method `powerof2` of the class `Inner.Private` from the main method of the class `Solution`.

### Constraints

$1 \leq num \leq 2^{30}$

### Sample Input

8

### Sample Output

8 is power of 2  
An instance of class: `Solution.Inner.Private` has been created

Author

aa1992

Difficulty

Medium

Max Score

15

Submitted By

62728

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Language

Java 7



```
115 import java.io.*;
116     num = Integer.parseInt(br.readLine().trim());
117     Object o; // Must be used to hold the reference of the instance
118         class Solution.Inner.Private
119
120     // Create an instance of Inner
121     Solution.Inner inner = new Solution.Inner();
122
123     // Initialize o with an instance of Inner.Private
124     o = inner.new Private();
125
126     // Cast and call the method
127     String result = ((Solution.Inner.Private) o).powerof2(num);
128
129     System.out.println(num + " is " + result);
130     System.out.println("An instance of class: " + o.getClass().
131         getCanonicalName() + " has been created");
132
133 } //end of try
```


Line: 24 Col: 1

 Upload Code as File

☐ Test against custom input

Run Code

Submit Code



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✔ Test case 0

Compiler Message

✔ Test case 1

Success

✔ Test case 2

Input (stdin)

1 7

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✔ Test case 3

Expected Output

1 7 is not a power of 2

2 An instance of class: Solution.Inner.Private has been created

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✔ Test case 4

✔ Test case 5

✔ Test case 6