**Java Lambda Expressions**

<https://www.hackerrank.com/challenges/java-lambda-expressions/problem>

This Java 8 challenge tests your knowledge of [Lambda expressions](https://docs.oracle.com/javase/tutorial/java/javaOO/lambdaexpressions.html)!

Write the following methods that *return a lambda expression* performing a specified action:

1. PerformOperation isOdd(): The lambda expression must return *true* if a number is odd or *false* if it is even.
2. PerformOperation isPrime(): The lambda expression must return *true* if a number is prime or *false* if it is composite.
3. PerformOperation isPalindrome(): The lambda expression must return *true* if a number is a palindrome or *false* if it is not.

**Input Format**

Input is handled for you by the locked stub code in your editor.

**Output Format**

The locked stub code in your editor will print *T* lines of output.

**Sample Input**

The first line contains an integer, *T* (the number of test cases).

The *T* subsequent lines each describe a test case in the form of *2* space-separated integers:  
The first integer specifies the condition to check for (*1* for Odd/Even, 2 for Prime, or *3* for Palindrome). The second integer denotes the number to be checked.

5

1 4

2 5

3 898

1 3

2 12

**Sample Output**

EVEN

PRIME

PALINDROME

ODD

COMPOSITE