Lap 4 Q2

import java.io.\*;

class joes {

static int josephus(int n, int k)

{

if (n == 1)

return 1;

else

/\* The position returned by josephus(n - 1, k)

is adjusted because the recursive call

josephus(n - 1, k) considers the original

position k%n + 1 as position 1 \*/

return (josephus(n - 1, k) + k - 1) % n + 1;

}

// Driver Program to test above function

public static void main(String[] args)

{

int n = 14;

int k = 2;

System.out.println("The chosen place is "

+ josephus(n, k));