**REVIEW OF BASIC PROGRAMMING CONCEPTS (Java programming)**

1) The program below asks for an integer n (n>0) and prints integers from n to 0 below each other. See the example output/input:

**Example output (1st run with a positive integer)**

Type in an integer: 5

5

4

3

2

1

0

**Example output (2nd run with a negative integer)**

Type in an integer: -2

Input is not a positive integer

Your task: Fill in the boxes below with the right code so that the program will function properly.

import java.util.Scanner;

public class forLoop {

public static void main(String[] args) {

int number;

Scanner reader = new Scanner(System.in);

System.out.print("Type in an integer: ");

number = reader.nextInt();

if ( number <= 0 )

System.out.println("Input is not a positive integer");

else

{

for ( int i=number; i>=0; i-- )

{

System.out.println(i) ;

}

}

}

}

2) Calculate the Boolean value (true or false) of the expressions in the table below.

|  |  |
| --- | --- |
|  | True / False |
| (3 < 4) && (6 < 2); |  |
| (3 != 3) || (6 == 2); |  |
| !(6 > 8) && false; |  |
| (true == false) || (false == 6 > 12); |  |
| (10\*2) > 21 && true; |  |