ITRW222

KLASTOETS 5B /CLASS TEST 5B

21 Aug. 2017

Naam / Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Nr. / No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Assume the following code exists: / Aanvaar die volgende kode bestaan:

public class Stack

{ private Listing[] data;

private int top;

private int size;

public Stack( )

{ top = -1;

size = 100;

data = new Listing[100];

}

Ontwerp ’n metode vir die klas Stack genaamd: *push()*

public boolean push(Listing newNode)

{ if(top == size-1)

return false; // \*\* overflow error \*\*

else

{ top = top +1;

data[top] = newNode.deepCopy();

return true; // push operation successful

}

}Design a method for the class Stack called: *push()*.

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