

# CS4012 LAB 3 Assignment

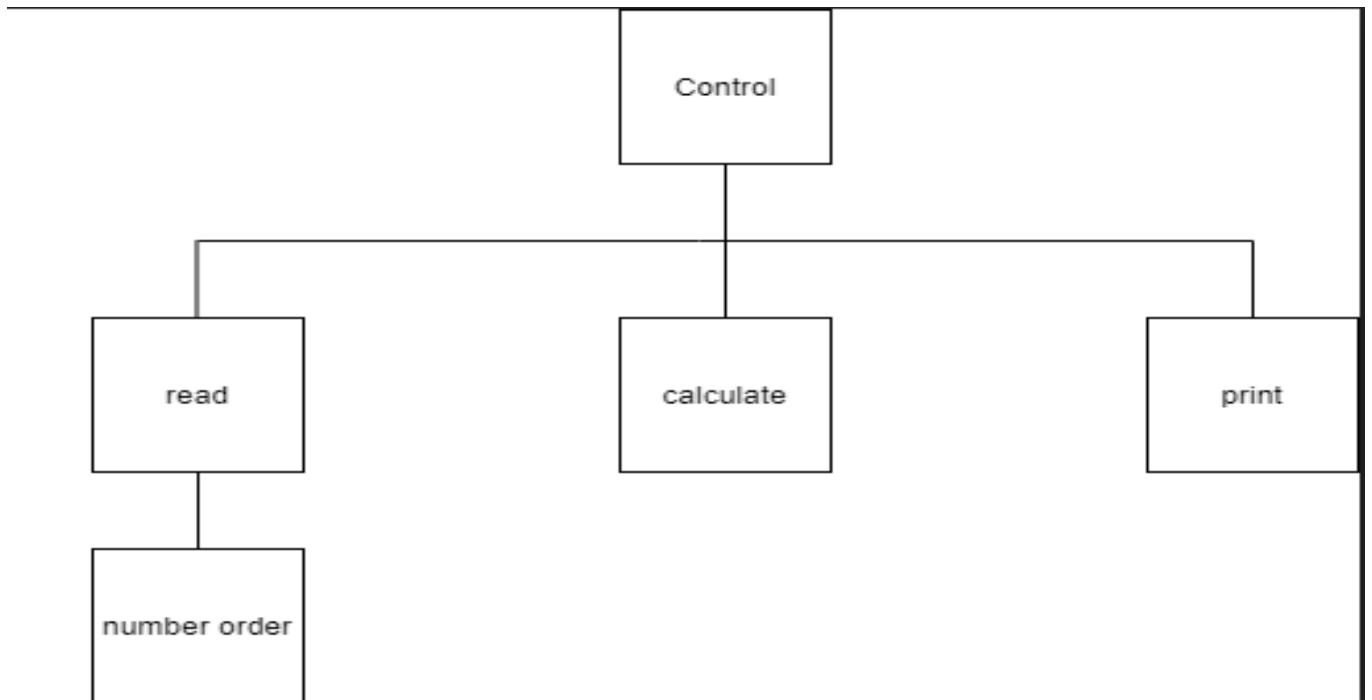
Q1:

## Program Analysis Chart

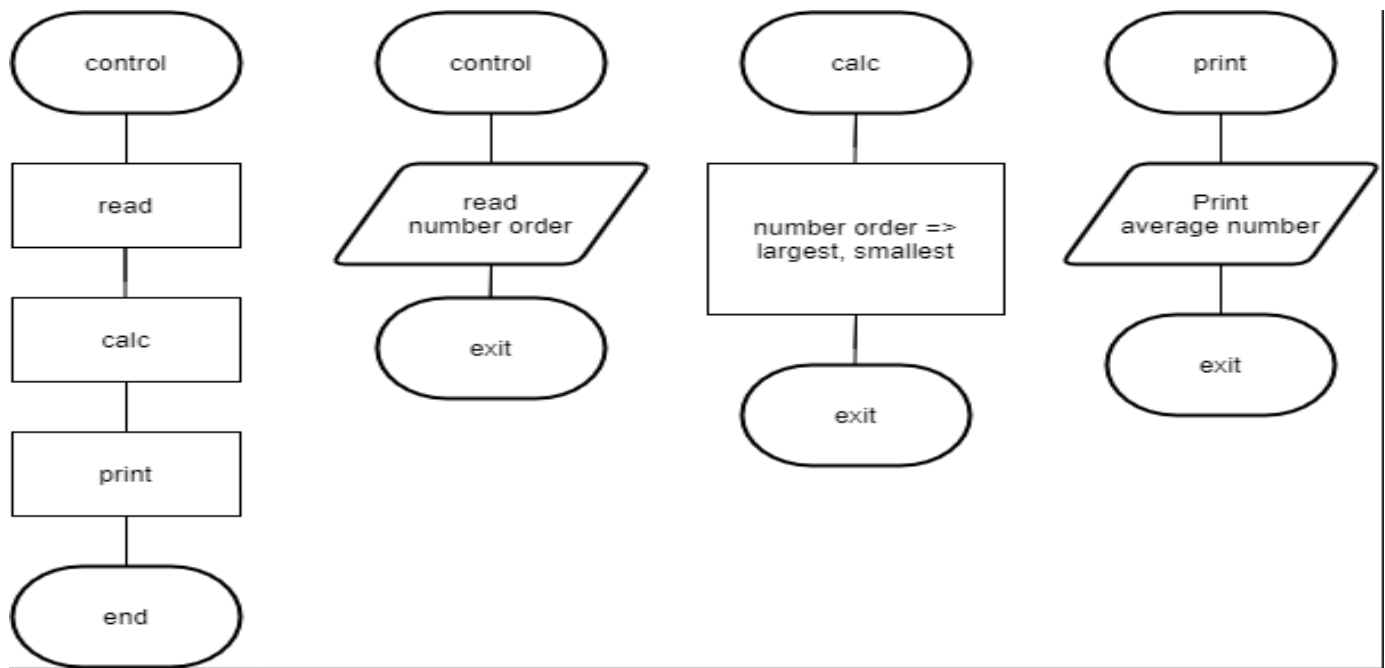
<b>Given data</b>	<b>Required results</b>
<b>Number 1</b> <b>Number 2</b> <b>Number 3</b>	<b>Average of number 1, 2 and 3</b>
<b>Processing required</b>	<b>Solution alternatives</b>

Average = ((number 1 + number 2 + number 3)/3)	Define the 3 numbers as constants Define the 3 numbers as input values
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## INTERACTIVITY CHART



## Flowchart



## Pseudocode

Process read

Read inputted numbers as number 1, number 2 and number 3

exit

Process calc

Average number =  $((\text{number 1} + \text{number 2} + \text{number 3})/3)$

Exit

Process print

Print average number

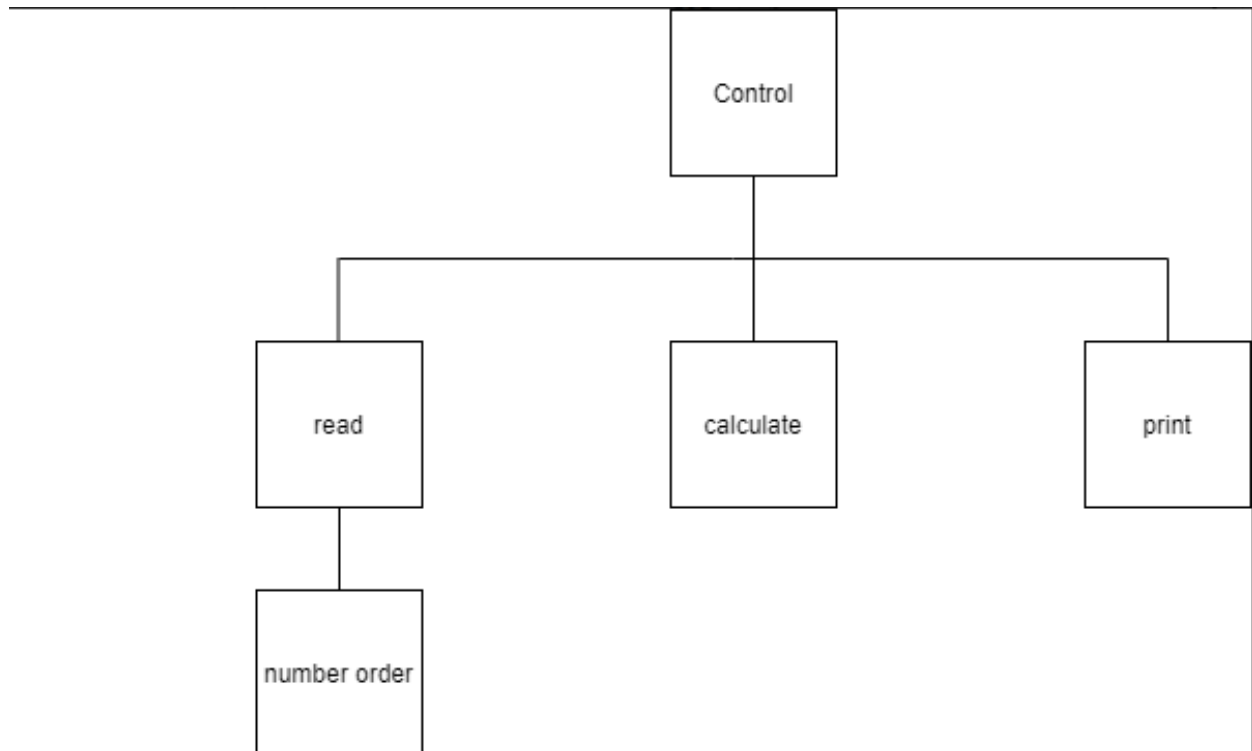
end

## Q2

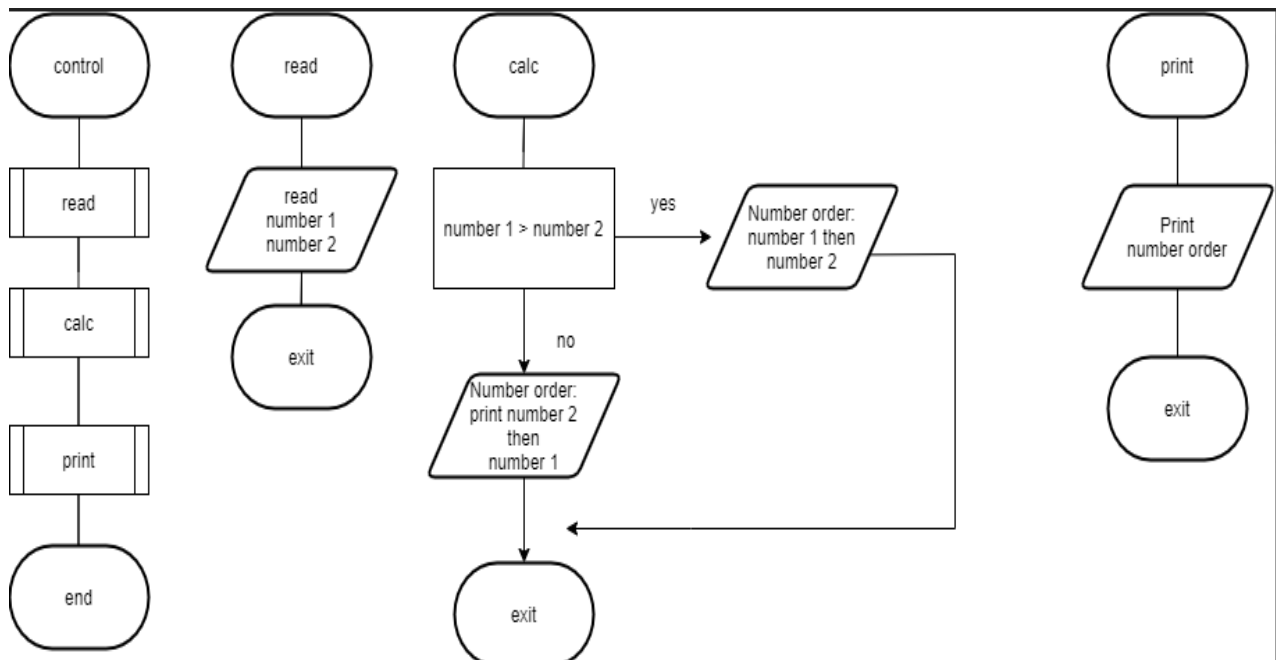
## Program analysis chart

<b>Given data</b>	<b>Required results</b>
<b>Number 1</b>  <b>Number 2</b>	<b>Largest number, smaller number</b>
<b>Processing required</b>	<b>Solution alternatives</b>
<b>Number order:</b>  <b>Number1 &gt; number 2... print number 1 then number 2</b>  <b>Number 2 &gt; number 1... print number 2 then number 1</b>	<b>Define the 2 numbers as constants</b>  <b>Define the 2 numbers as input values</b>

## Interactivity chart



## Flowchart



# Pseudocode

Process read

Read inputted numbers as number 1 and number 2

Exit

Process calc

If number 1 > number 2

Then

Number order : number 1, number 2

Else

If number 2 > number 1

Number order : number 2, number 1

Endif

Exit

Process print

Print number order

end