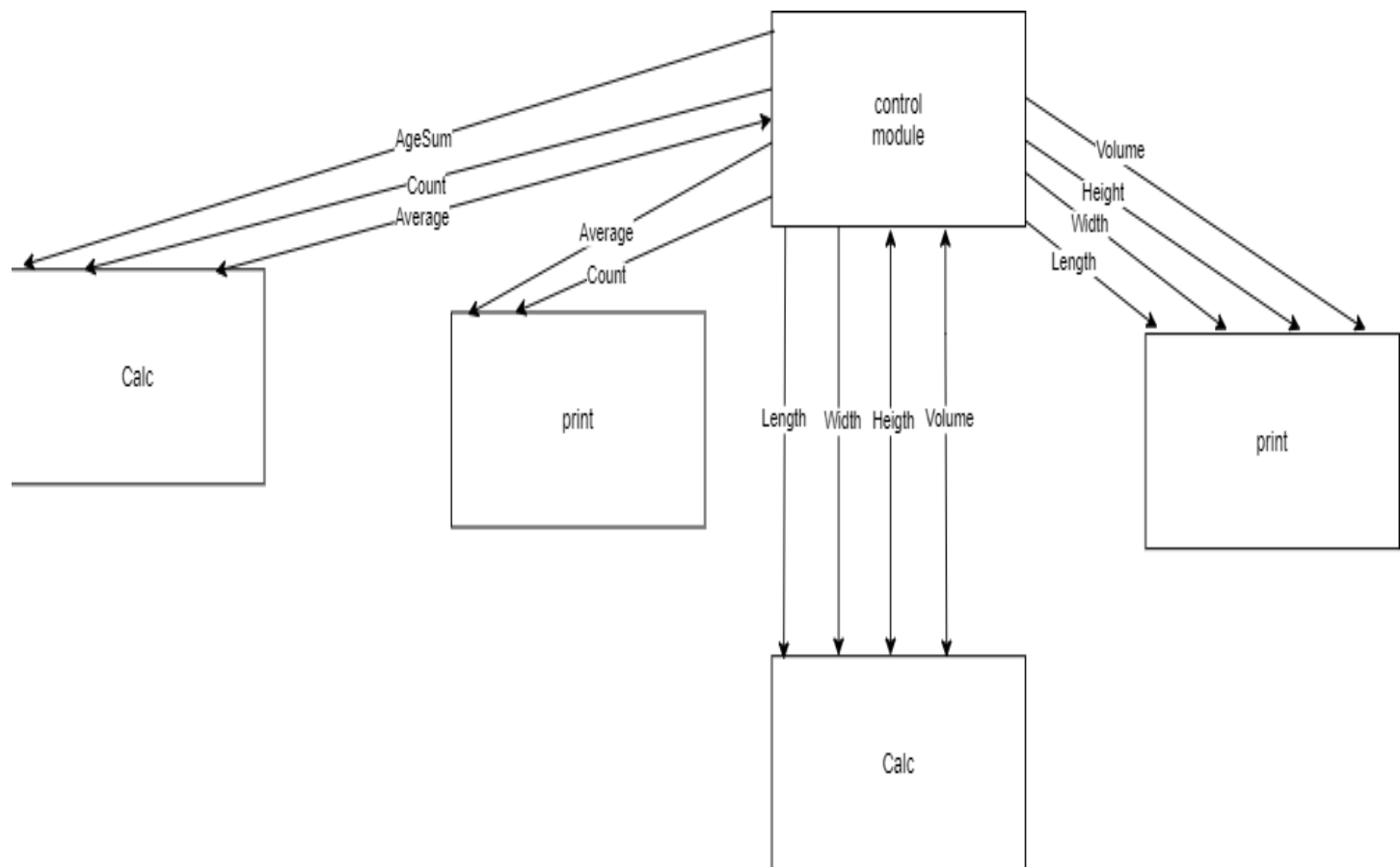


CS4012 LAB 4 Assignment

Q1:

Coupling Diagram



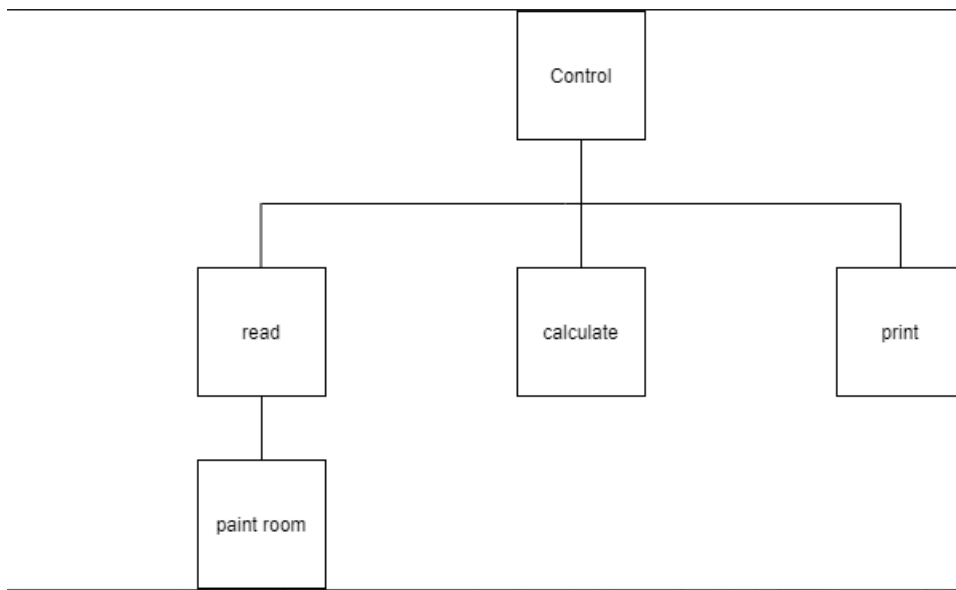
Q2:

Program Analysis Chart

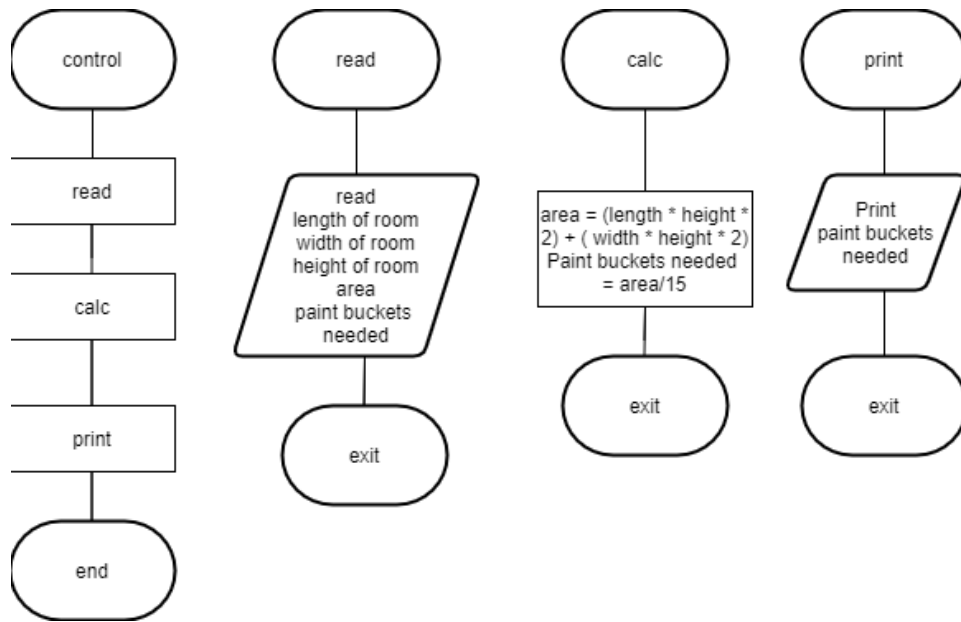
Given data	Required results
Length of room Width of room Height of room	Area Paint buckets needed
Processing required	Solution alternatives

<p>Area = (length * height * 2) + (width * height * 2)</p> <p>Paint buckets needed = area/15</p>	<p>Define the length, width and height of room as constants</p> <p>Define the length, width and height of room as input values</p>
--	--

Interactivity Chart



Flowchart



Pseudocode

Process read

Read inputs as length, width, height

Exit

Process calc

Area = length * height * 2 + (width * height * 2)

Paint buckets needed = area/15

Exit

Process print

Print paint buckets needed

end