Flowchart Gyms

end

Wood floor cost ← total area wood floored \* wood floor unit price

Number of gyms processed ←   
number of gyms processed +1

Total area wood floored ←   
(length \* width)

Read in length  
Read in width

Prompt the user and ask for length and width

While number of gyms < number of gyms to be processed.

Read in wood floor unit price

Prompt the user and ask for wood floor unit price

Read in number of gyms to be processed

Prompt the user and ask for gyms to be processed.

Number of gyms processed ← 0  
total area wood floored ← 0

start

Pseudo-code

Start of algorithm for gyms   
 1. Number of gyms processed = 0  
 2. Total area wood floor = 0  
 3. Prompt the user and ask for number of gyms to be processed  
 4. Read in number of gyms to be processed  
 5. Prompt the user and ask for wood floor unit price  
 6. Read in wood floor unit price  
 7. While number of gyms < number of gyms to be processed  
 8. Prompt the user and ask for length and width  
 9. Read in length  
 10. Read in width  
 11. Total area wood floored = (length \* width)  
 12. Number of gyms processed = Number of gyms processed + 1  
13. Wood floor cost = total area wood floored \* wood floor unit price  
14. Return  
End of algorithm for gyms