This program obtains the cross product of given sets.

function createtree (Argument one){

    Allocate memory for new node

Read its value and assign its link to NULL

Read direction

for count is less than string length of direction do

if parent node is NULL

break;

if direction is L

assign parent node to its left link

else if direction is M

assign parent node to its mid link

else

assign parent node to its right link

end for

if parent node is not NULL or count is not equal to string length

print insertion not possible

if direction is L

assign predecessor left link to new node

if direction is R

assign predecessor right link to new node

else

assign predecessor mid link to new node

end

}

Function display(no argument){

Assign temporary node to root

Compute height of tree

if height is -1

print empty

if height is 0

print root value

if height is 1

print invalid

if height is 2

if temp node left link is not NULL

print temp left link value and temp left left link value

   if temp node left mid link is not NULL

print temp left link value and temp left mid link value

print temp left link value and temp left right link value

end if

repeat for mid and right link

end if

if height is 3

    return lowest common multiple

end

}