15.07 Construct a flowchart for nested structures using standard symbols and pseudocode

You need to work on flowcharts for nested loops, please refer to Online Module and the solution for this problem set for the same.

You need to work on the proper diamond structure for a for loop.

You need to work on labeling your arrows if they should be yes or no.

15.10 Construct a flowchart using standard symbols and pseudocode

Plot is an output, so it should be a parallelogram and not a rectangle. Rectangles are for calculations.

Initializing is a calculation and should be a rectangle where as getting input from user would be a parallelogram.

No yes/no on looping arrows.

You need to work on: Overall flowchart ends in one single stop.

Unit in description is missing. E.g.: space between slats, S (mm)

11.00 Create and execute user-defined functions

Degree should be converted to rad. E.g.:

psi\_rad = deg2rad(slat\_angle); for input % slat angle vector (rad)

You need to work on: correct function call for PS11b\_all\_fracs.

F\_vector = PS11b\_all\_fracs(blind\_params, M)

You need to work on: correct function call for PS11b\_part\_illum. PS11b\_part\_illum(F\_vector, absorb\_constant)

You need to work on: correct function call for PS11b\_full\_illum

PS11b\_full\_illum(F\_vector, blind\_params)

07.03 Create an x-y plot with multiple data sets in a single figure window

You need to have correct syntax for the legend command: legend(‘xypair1\_label’, ‘xypair2\_label’,…)