function [PrintList] = GeneratingPrint(PrintIndex,q,PrintNameList,I2,I3,I4,I5,I6,I7,A1,I8,I9,I10,I11,I12,I13)  
% This function receives an index describing the image matrices to save and  
% the q-th image being processed.  
% This function then produces .tif files of the chosen analysis matrices  
% PrintIndex: The index of chosen matrices (m x 1)  
% q: The q-th image being processed  
  
Index = find(PrintIndex>0);  
Cond = isempty(Index);  
if Cond == 0  
 for i = 1:size(Index,1)  
 ImageChosen = Index(i,1);  
 if ImageChosen == 1  
 imwrite(I2,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 2  
 imwrite(I3,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 3  
 imwrite(I4,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 4  
 imwrite(I5,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 5  
 imwrite(I6,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 6  
 imwrite(I7,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 7  
 imwrite(A1,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 8  
 imwrite(I8,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 9  
 imwrite(I9,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 10  
 imwrite(I10,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 11  
 imwrite(I11,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 12  
 imwrite(I12,PrintNameList(q,i).name,'tif');  
 elseif ImageChosen == 13  
 imwrite(I13,PrintNameList(q,i).name,'tif');  
 end  
 end  
 PrintList = size(Index,1);  
else  
 PrintList = 0;  
end

Not enough input arguments.  
  
Error in GeneratingPrint (line 8)  
Index = find(PrintIndex>0);

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