```
응 {
BOX FILTER
응 }
function [boxFilterList] = boxFilter(imgList,boxSize)
    imgListSize = size(imgList);
   xDir = imgListSize(2);
   yDir = imgListSize(1);
   zDir = imgListSize(3);
   startPixel = boxSize - floor(boxSize/2);
   endPixelX = xDir - floor(boxSize/2);
   endPixelY = yDir - floor(boxSize/2);
   boxFilterList = imgList;
   boxFilterX = (1/boxSize) * ones(1,boxSize);
   boxFilterY = transpose(boxFilterX);
   for k = 1:zDir
        boxFilterList(startPixel:endPixelY, startPixel:endPixelX,
k) = conv2(conv2(imgList(:,:,k), boxFilterX, 'valid'),
boxFilterY, 'valid');
   end
end
```

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