

Code for rotation of 80 images by 90 degrees:

```
for k = 1:80
    jpgFilename = sprintf('%d.jpg', k);
    if exist(jpgFilename, 'file')
        imageData = imread(jpgFilename);
    else
        warningMessage = sprintf('NO FILE:\n%s', fullFileName);
        uiwait(warndlg(warningMessage));
    end
    new = sprintf('new%d.jpg', k);
    imwrite(imrotate(imageData,90), new);
end
```

Similarly, code for rotation by 180 degrees can be implemented by changing 90 to 180 inside imrotate function.