```matlab
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Roll no: E3350
Expt :Obtain Flip Image

clc;
clear all;
A= imread('cameraman.tif');
[row,col]=size(A);
B=zeros(row,col);
C=zeros(row,col);

for i=1:row
    for j=1:col
        B(i,j)= A(i,col-j+1);
    end
end

for i=1:row
    for j=1:col
        C(i,j)= A(row-i+1,j);
    end
end

subplot(3,1,1), imshow(A),title('orginal image');
subplot(3,1,2), imshow(uint8(B)),title('horizontal flip image');
subplot(3,1,3), imshow(uint8(C)),title('vertical flip image');
```

orginal image

horizontal flip image

vertical flip image