```
Funtion RGB = Q3(img)
          [lin, col, ~] = size (img);
           R6B = Zeros (1in, col, 3);
            for i= 1: lin
                  for j=1: col
                          if img(i,j) <= 63
                                RGB ( i, j, 1) = 0;
                                RGB (1), 1, 2) = 0;
RGB (1, 1, 3) = 255;
                           else if img(1,j) <= 127
                                  RGB(1,0,1) = 255;
                                  RGB (1, j, 2) = 0;
RGB (1, J, 3) = 255;
                            else if impli, i) < = 191

RGB(i, j, 1) = 0;

RGB(i, j, 2) = 255;

RGB(i, j, 3) = 0;
                              RGB(1, \vec{J}, 1) = 255;

RGB(1, \vec{J}, 2) = 0;

RGB(1, \vec{J}, 2) = 0;

endif
                             else
                            endif
                          endif
                       end for
```

end for end for R = R6B(:,:,1); G = R6B(:,:,2); B = R6B(:,:,3); R6B = cat(3, R, 6, B);