```matlab
fair = [0,0,0,0];
weight = [0,0,0,0];
a=rand;

%random bir şekilde para seçildi
if(a<0.5)
    a=1; %fair coin
else
    a=2; %weight coin
end

for i=1:100

    switch a
        case 1%fair
            fc = rand;
            if(fc<0.1)
                %tura
                fair(i)=1;
                a=1;
            else
                %yazi
                fair(i)=0;
                a=2;
            end

        case 2%weight
            w_c = rand;
            if(w_c<0.7)
                weight(i)=1;
                a=1;
                %tura
            else
                %yazi
                weight(i)=0;
                a=2;
            end
    end
end
```