```
ca = [0 0 0 0 1 0 1 0 1 1 1 0 1 1 0 0 0 1 1 1 1 1 0 0 1 1 0 1 0 0 1];
cb = [0 0 0 0 1 1 0 1 0 1 0 0 1 0 0 0 1 0 1 1 1 1 1 0 1 1 0 0 1 1 1];
sa= [-2*ca] +1;
sb= [-2*cb] +1;
k= input('enter k value: ');
ba = (rand(1,k) > 0.5);
bb = (rand(1,k) > 0.5);
%for x = 1:k
   % if ba(1,k)=1
       % ea(1,k
```