clear;

clc;

P\_S = 1;

P\_A = 0.2;

P\_B = 0.4;

P\_AUB = 0.5;

P\_AinterB = P\_A + P\_B - P\_AUB;

disp('Probability of both of A&B jointly occurs is '+string(P\_AinterB))

P\_NOAB = P\_S - P\_AUB;

disp('Probability of none of A or B are occur is '+string(P\_NOAB))