Basic Probability
·) Sum of numbers even & one of die shows 6
Possibilities $C/2 - 2 way$ $6/4 - 2 way Probability = \frac{5}{36}$ $6/6 \rightarrow 1 way$
6,6 -7 1 1 1 1
2) Sum of numbers being less than 7
sum can be
c - (313), (412), (5,1) - 5 ways
5 - (312), (4,1) - 4 mas
4 - (31) , (2,2) - 3 ways
3 - (2,1) - 2 ways
2 - (1,1) - 1 way
P = 5+4+3+2+1 = 15/36 = 5/12
36
3) Given that atleast I Head is observed find probability
of atteast 2 Heads
atleast 1H -> HTT - 3ways HHH - 1 ways
at least 2H > 4 ways. (from above)
P(2H/1H)= P(2HN1H) = 4/7
P(IH)

GG	71
99	P(14) = atteast 2 girls or 2 girls = 1/4
BB	p(24) = atteast 2 girls or 2 girls = 11
PL	26/19=1/4=1/3
	3/4