R1: [7,18,23,24, 29,34,36,40,46,48,52,56]

C1: [6,10,12,17,21,27,32,45,51]

RC1: [13,14,15,38,41,43,53,55]

R2: [8,11,19, 28, 30,35,39,42,47,49,54]

C2: [4,9,16,20,26,31,44,50]

RC2: [1,2,3,5,22,25,33,37]