A1[]= -11, -1, 22, 44

A2[]= -22, -2, 33, 55

i=4,j=3

A3[]= -22, -11, -2, -1, 22, 33, 44, 55

a1[]= -22,2,33,55

a2[]= -44,-7,88,99

i=4,j=2

a3[]= -44, -22, -7, 2, 33, 55, 88, 99

a1[]= -44,-8, 87, 95

a2[]= -20, 3, 35, 56

i=0->1->2, j=0->1->2->3->4

a3[]= -44, -20, -8, 3, 35, 56, 87, 95