Hoymtotic Space Complainty of Int Gild 2d 2d Rectangular gild hxw Ah causes space to Increase by Ah x w DW casises space to inecesso by DW × h Id space maps directedly to memory space, with each position in our gold taking the amount of space of a char (I'm negleting the array's orginizational measury) DS(Dh, DW) = ALXW + AWXL S = (h+ DA) (w+ DW) if only changing I was grown bacarly @ lower bound 2(f(AL) = AL XW) /2(n) if both var change, you find an appea bound that is polynomial increasing both variables of a square matrix w=h will acsult in the more uper bound. Two increasing was will multiply up earhother. for growing square sh = Aw 0 (+(oh, Aw) = oh x Aw = oh2) (o(n2)) no O in this case Alton LAMIES.