$\leq_{i=1}^{m} 2_{i}^{2} - 1 = m(m+1) - 1$ m> 0 Base case m= 1 m(m+1)-1-> 1(2)-1=1 Z: 2:-1 = 2.1-1 = 1 True this implies & 1+3+··+2×-1 = KC++D-1 K(k+1)-1 + 2k+1 / (k+1) (k+2)-1 It is not equal, which means it doesn't hold for all m70