Varen Lia HW 5 1) 0152,1,33, £2,3,13,£3,2,13 The worst cases are when the somallest or largest element is the proof $n^2 r = \frac{n!}{(n-n+1)} = \frac{n!}{(n-n+1)$ 2n! int median (IntarrEJ) 9 int temp[drisize()]; int counter= 0. for (Inti=0) ic arrisize()/i+1){ F(i+ \$%5==0)~ temp[counter] insertions ort (arr[i-4.i)); Counter++, 3 insertion sort (temp(3)) return (temp[arrisized))

bool sum (table arrE), double 5) 2 for (inti=ojicansizel); i++)2 for Cint j = i+1, j < arrsize(); j++) { (2 == Camp + Ci]mp & & C=! i) 7; return true return fike',