Expt. No. Page No ... Insertion Sort # include ( Stabile, 6) # include < time h> # milyde < Sldie, h> word Sort [intal], intal] int main () clock t ti brish ("Enter Number of clement In"); Scarf ("1.d", &n); fruit ("Enter clement of array hi"); for lint i = 03 i < n; i + d) Scarf (".1.d; & a(i)): t = clocks t = clocks Sort (a, n) t= clock()-t; double time taken = ((double)+) (crocke prints l'Time taken = tolle, time lake frists l'Emal Sorted order (n'). paint (" 1.d ln", ati)). Teacher's Signature:\_

Void Sort-(int al), into) int v, j: CA, O' J. HIR Zal. ic= n-1; i++) for lint iz i; v=a[i];

j=i-1

while (j)=0 & & a(j) > v) a(i+i) = a(i) i=i-1aliti) zy 303000 (3-10000000) 1 = 10000000

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