6/6/24 Suick port +include (stdio.h) # include (stalib. h) # include (time. 47 word swap (int + a int + b) jut temp = da. jut partition (int + 17, int low jut high) int pivot = A (low); int 1 = 10w; jut j= high +1; 4 while (+ 1/1 = plact);

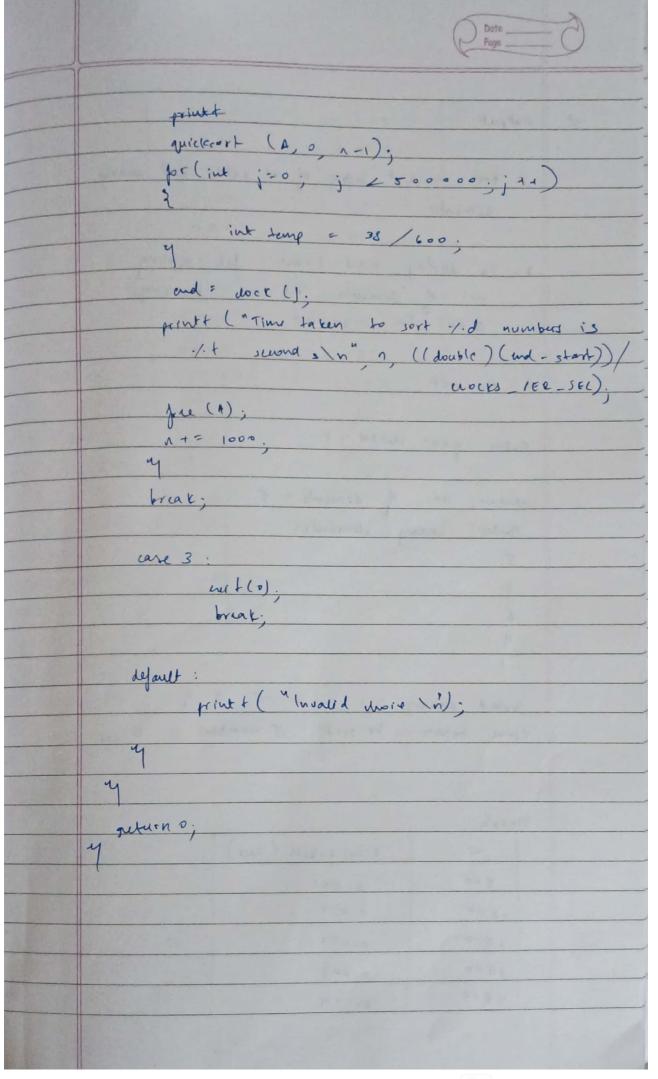
if (i < j)

swap ( 2 + 1/1 , + + 1/1);

Ywhile ( i < j); swap ( ( 4 /ow ), L+ 1/1), gutym;

wild quicksort (int A/7 int low jut high if (low - high) jut split = partition ( A low high quicksoot (A cow split - D; quicks and (A split 1 / high); Ent main () } work of thost, and while (1) } point+ ("In For manual entry of N and (" In . To display time taken for sorting no. of doments N sunt ("-1.2" ach); purital (ch) int \* A = (int ) malloc (ua signal line 1 (A == NULL) pout (" Henory allocation field") wit (1)

y sont ("./d" 2A [7); stant = dock (); point ( "In sorted array is :"); y pint ( "/.d \t 1 , A | 1), int \* A = (int \*) malloc (n\* size of (int) i( ( \*== Nua) } print ( \* Memory allocation of for (int ic 0; i <n; i+1) start = dock ).



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