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Title	Page	
Name:	ASHFAR AHMAD	1
Reg No:	19PWCSE1795	
Section:	B	
Paper:	Mid-torm	
Subject:	DSA.	
Submitted to		
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#### Answer No 3:

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Voing name space stal

mt main ()

 $\{1, 1, 2, 2, 3, 4, 5\}$ 

for (int i=0; i'<5; i++)

} for (j=i+1; 1<b; i++)

{ if (am [i] x am [i])

 ${ an(i) = an(i); }$ 

am(i) = x;

2

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### Answer No:04

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First = 2

los [mid] = 9

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#### Answer No: 05

\*Include clostream) verng normespace std; Int main () Int ant]={1,9,7,5} for (int 2'=0; 1<=2'; 1'++) 700 (5=1+1-, j<4; j++) ([i]rnp > [i]rnp) fi } int x = arr (i); ans []] = ous[s]; an [:] = x; (int i=0; 1'< 4; 1++) Cout << arr[i]; 2 cost << end l; return o;

page & Note: in case of quick son first we sched one element as pivol [1,9,7,5] Privot [1,9,7,5] ngu. leff we will more left pointer to new we un swap 5. 7, 71,9,5,7] Mow Swap (5,9) [1,5,9,7] Now Swap (9,7) [1,5,7,9]

page 7

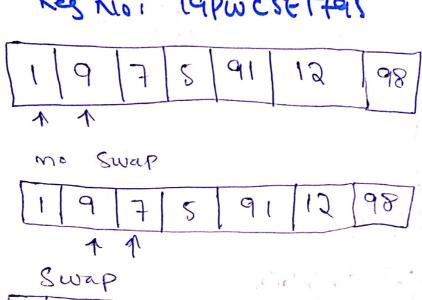
# Answer No 6:

my Res No: 19 PWCS = 1795 \* Include <lostream> Uting name space Stalij Int main () int arc] = {1,9,7,5} for ( int i=0; i <= 2; i++) } for (i=i+1; i<4; j++) ( if (anrli) < arrli) int x =am [i]; arr [j] = cor[i]; an (5) = x ; tor (int 1'=0; 1'24; 1'++) { (out << arr [i]; cont ce endl; the END

## Answer Mo:07:

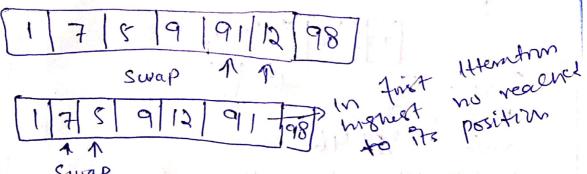
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