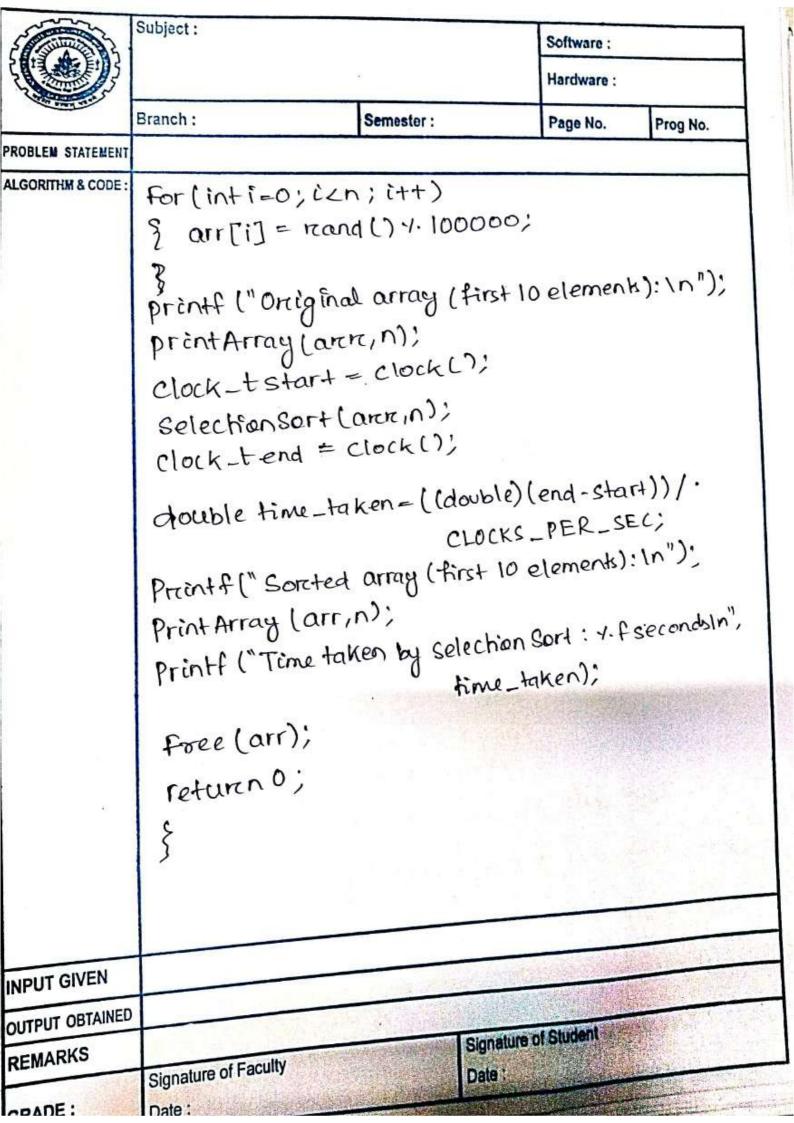
STATE OF THE PARTY	Subject:			Software :		
	Branch:	Seme	ster:	Page No.	D	
PROBLEM STATEMEN	Soict a given set of method in C language	an Tal	0000		Prog No.	
ALGORITHM & CODE	the program for the him taken to so the him taken to so Vs n. The element generated using the Demon streate he along with its time average case and # include < stdio the include < stdio the include < stdio to the include < stdio th	Varied  oret.  o	values of no plot a graph of be read from number of brute forces mple xity anal case.  It arr[], intn)  jtt)  [min_idx])  jch; jtt)	of the time ma file of generato methodi lysis: Wors	record e taken ercan be	
INPUT GIVEN						
OUTPUT OBTAINED					-	
GRADE :	Signature of Faculty Date:		Signature of Student Date:	n e		

THE THE PROPERTY OF THE PARTY O

Subject: Software : Hardware: Branch: Semester : Prog No. Page No. ATEMENT S CODE : void print Array (intarrell, intsize) f inti: for (1=0; ¿<10; ¿++) printf (" vd", ari [i]); printf(" In")" int main () intn; printf ("Enter the number of elements in the array (>=5000):"); Scanf ("Y.d", An); if (n<5000). printf (" please enter a number greater than or equal to 5000. In"); return 1; int \*arm = (int \*) malloc(n\* size of (int)); Srand (time (0)); for (intro) icn; itt) EN TAINED



Subject:    Settware:   Hardware:   Hardware:   Hardware:		MARKET STATE OF THE STATE OF TH			THE PROPERTY OF THE PARTY OF TH	
Branch:  Semester:  Page No.  Prog N		Subject:		Software :		
ROBLEM STATEMENT  LICORITHMS CODE:  Output Obtained  Enter the no-of elements in the array (>=5000)=  SOO 0  Outginal array (first 10 elements):  88513 56333 42454 48955 24357 12817  7743 58778 88879 90390  Sorted array:  5 47 71 82 122 123 253 284 302 306  time taken by selection sort: 0.037981 seconds.  enter the no-of elements in the array (>=5000) =  Outginal array (first 10 elements):  46671 66401 2557 93704 82723 68949  46672 63104 20956 35347 .  Sorted array:  12 27 63 76 79 94 104 117 136 140  time taken by selection cort: 0.150059 Seconds.  INPUT GIVEN  OUTPUT OBTAINED  REMARKS  Signature of Student		ma ma				
CORRITHM & COORTHWAY COORT	-	Branch:	Semester:	Page No.	1.	
enter the no-of-elements Enths array (>=5000)=  Soco  Original array (first 10 elements):  88513 56333 42454 48955 24357 12817  TT43 58778 88679 90390  Sorted array:  5 47 71 82 122 123 253 284 302 306  time taken by selection sort: 0.037981 seconds.  enter the no-of-elements in the array (>=5000)=  Original array (first 10 elements):  46671 66401 2557 93704 82723 68949  46672 63104 20956 35347.  Sorted array:  12 27 63 7679 74 104 117 136 140  time taken by selection sort: 0.150059 Seconds.  INPUT GIVEN  OUTPUT OBTAINED  REMARKS  Signature of Student  Signature of Student	ROBLEN STATEMENT			rage No.	Prog No.	
88513 56353 42454 46955 24357 12817  7743 56778 88679 90390  Sorted array:  5 47 71 82 122 123 253 284 302 306  time taken by selection sort: 0.037981 seconds.  enter the roof elements in the array (>=5000) =  10000  eriginal array (first 10 elements):  46671 66401 2557 93704 82723 68949  46672 63104 20956 35347  Sorted array:  12 27 63 76 79 94 104 117 136 140  time taken by selection sort: 0.150059 Seconds.  INPUT GIVEN  OUTPUT OBTAINED  REMARKS  GRADE:  Signature of Faculty  Signature of Student	COOKINE & COUE:	enter the no-of		Š 5	The second secon	
time taken by selection sort: 0.037981 seconds.  enter the no. of elements in the array (>=5000) =  10000  original array (first to elements):  46671 66401 2557 93704 82723 68949  46672 63104 20956 35347  Sorted array:  12 27 63 76 79 94 104 117 136 140  time taken by selection cort: 0.150059 Seconds.  INPUT GIVEN  OUTPUT OBTAINED  REMARKS  GRADE:  Signature of Faculty  Signature of Student		88513 56333 42454 48955 24357 12817				
orciginal array (first to elements):  46671 66401 2557 93704 82723 68949  46672 63104 20956 35347  Sorted arcray:  12 27 63 76 79 94 104 117 136 140  time taken by selection sort: 0.150059 Seconds.  INPUT GIVEN  OUTPUT OBTAINED  REMARKS  GRADE:  Signature of Faculty  Signature of Student		5 47 71 82 122 123 253 284 302 306				
INPUT GIVEN  OUTPUT OBTAINED  REMARKS  Signature of Faculty  Signature of Student		00000 original array (first to elements): 46671 66401 2557 93704 82723 68949 46672 63104 20956 35347. Sorted array: 12 27 63 76 79 94 104 117 136 140				
OUTPUT OBTAINED  REMARKS  Signature of Faculty Signature of Student		now taken by self	echan gart:	0.150059	Seconas.	
REMARKS  Signature of Faculty  Signature of Student	INPUT GIVEN				فستسلب	
Signature of Faculty  Signature of Student	OUTPUT OBTAINED					
GRADE:	REMARKS		14			
	GRADE:	ESSON.	(February)	of Student		

Karata water a

S Comments	Subject :		Software :	
			Hardware :	
1013	Branch:	Semester :	Page No.	Prog No.
ROBLEM STATEMENT				
ALGORITHM & CODE :	enter the no-of- original array (f 45638 32426 9 9129 21724 : Sorted array: 0 3 13 16 17 time taken by sele enter the no-of-e original array (f 29179 44932 71710 67647 Sorted array: 01 5 9 22 24 time taken by sele enter the no-of-e original array (f	Pirst loelements:  5468 78663  34483 49603  34 46 53 7  20thon bort: 0.33  Nements in the ari  57836 4160  27621 72906  12728 29  Pechien bort: 0.  clements in the ari  chien bort: 0.	150 150 150 150 150 150 150 150	000 864 onds. 0: 20000 1845 conds.
	89635 29639	SER48 81673	MITTI DA	
INPUT GIVEN				N
OUTPUT OBTAINED				in the
REMARKS	(F	Signature of Stud	ent	the state of the s
GRADE:	Signature of Faculty  Date:	Date :		

	Subject:		Software:	
			Hardware :	
	Branch:	Semester:	Page No.	Prog No.
PROBLEM STATEMENT				
ALGORITHM & CODE:	Scrted array: 6 6 7 8 11 18 hime taken by selection Sort cases: • Best Case (Alre • Worst Case (Re • Average Case (A	Analysis time (amplexi  ady Sorted):	3 34 0.93304 O(n2) 0(n2)	
INPUT GIVEN				
OUTPUT OBTAINED			1651	
REMARKS	(Familia	Signature	of Student	
GRADE:	Signature of Faculty  Date:	Date :		Section 1