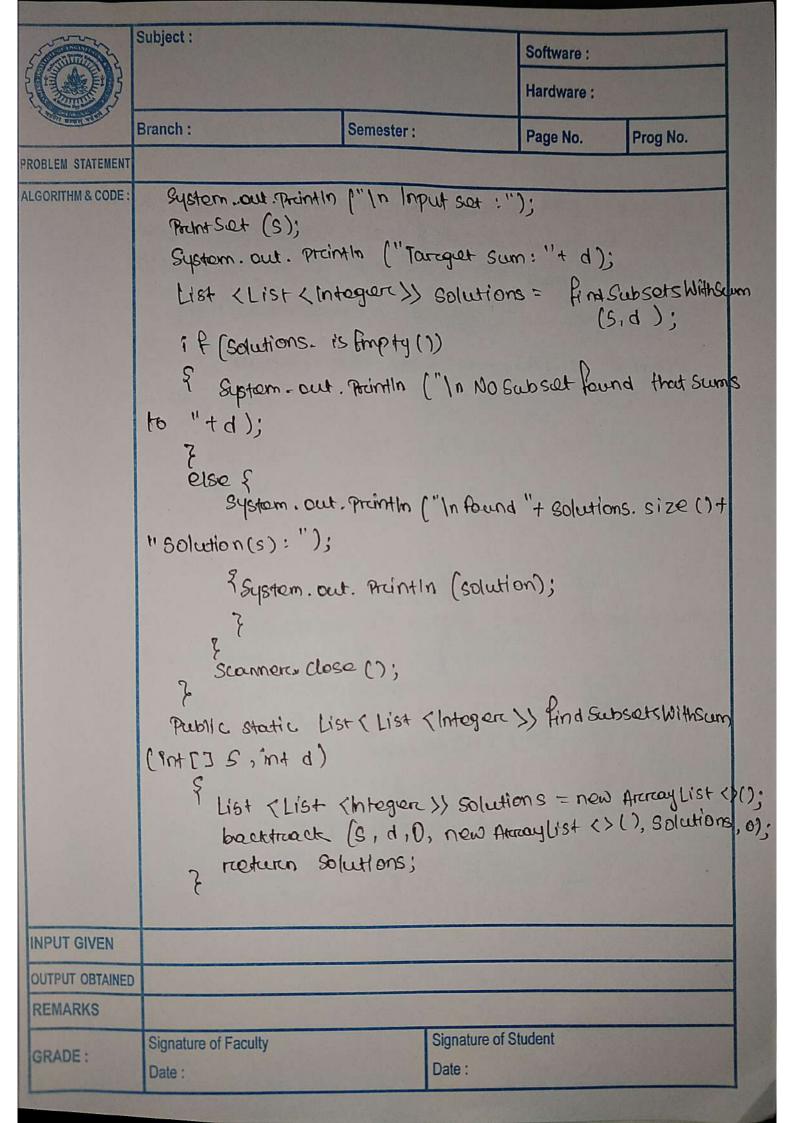
Section 2	Subject:		Software:						
		Hardware :	Hardware :						
AND BOOM TORY	Branch:	Semester :	Page No.	Prog No. (Qi)					
PROBLEM STATEMENT	Dosign and impliment c++ Java Proogram to find a Subset								
ALGORITHM & CODE:	Desyll and impliment c+t/Java Program to find a Subset of a given set s= \$51,52,,\$7) of a positive integers osnosie Sum is equal to a given Positive integers of the corample, if s= \$1,2,5,618 and d=9, there are two solutions \$1,2,62 and \$1,82. Display a suitable message, if the given Problem instance doesn't have a solution. Proogram: import Java. util. Arcraylist; import Java. util. Arcraylist; import Java. util. Scanner; Public class Subset Sum With UserInput Public static void maio (String[] args) Scanner scanner = new Scanner (system.in); System.out. Praintly ("Enter the numbers of clements in the set:"); int n = scanner. next int(); int[] s = new int[n]; System.out. Praintly ("Enter the cluments of the set (one by System.out. Praintly ("Enter the cluments of the set (one by System.out. Praintly ("Enter the target stam (Positive integer int d = Scanner. next int ();								
INPUT GIVEN									
OUTPUT OBTAINED									
REMARKS									
GRADE:	Signature of Faculty	Signature	e of Student						



5	Subject:		Software:						
				Hardware :					
PRINT STREET VOICE	Branch:	Semester:		Page No.	Prog No.				
BLEM STATEMENT									
	Private static wold backtrack (int [] S, int target, int Starct, List (Integer) current, List (Integer) current, List (List (Integer) current Sum) Sif (current Sum = = target) Solutions. add (new Attracy List (> (lurercont)); rectaren; for (int i = Starct; i < S. length; i+t) Sif (current Sum + S[i] > target) Current. add (S[i]); backtrack (S, target, i+1, current, solution current sum + S[i]); Current. remove (current. size ()-1); Private Static void Print Sat (int [] Sut) System.out. Print ("f"); for (int i=0; i < sut. length; i+t)								
INPUT GIVEN	S system. out. Print (set[i]); if (i< Set. long th -1)								
OUTPUT OBTAINED									
REMARKS									
GRADE:	Signature of Faculty		Signature of St	tudent					

	Subject:		Software:		
			Hardware :		
THE THE LABOR TO SERVICE AND ADDRESS OF THE PARTY OF THE	Branch:	Semester:		Page No.	Prog No.
OBLEM STATEMENT					
	System. out. Praint Plystom. out. Praint Poutput Finter the number Finter the element Finter the taraget input set: (1, 2, 5, 6, 8) Target Sum: 9 Found 2 solution(s) [1, 2, 6] [1, 8]	in ("?" erc of the sum (pr); clements set (one	e by one):	x: 5 12568
NPUT GIVEN					
OUTPUT OBTAINED					
REMARKS			0 (0	ale a	
GRADE:	Signature of Faculty		Signature of Sto	udent	