Homework Questions of 10/02/2023 Ques | What is the use of memset function in (++7 memset is a C++ function and it is defined in estring header file. It copies a single character for a specific number of times to an object. char str[] = "Bhavya"; memset (str, 'a', size of (str)); cout << str << endl; Output aaaaa I I more than no of characters There is 10 null character which is being converted to a as well. Using memset function, we can set all the integer values in an integer array as 0 07 memset (a, o, size of (a)); memset (a, -1, sizcof (a)); Scarmed with Cam

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	memset (a, 1, size of (a1); This will not work as memset for integer array only = works for 0 & -1.
	How to initialize array elements to a fartium value? We can do this by using loops dets say we want to initialize the array elements to 1.
	for (int (=0) i < 5; 1++) { Over (i) = 1;
<u>₩</u>	
	Implement swap function on your awn. Method-I Using temp variable
	int $\alpha = 3$, int $b = 5$;
	int temp = a; a = b; b = temp;
	cout << a < <endli 5<br="" →="">cout << b <<endli 3<="" td="" →=""></endli></endli>
	Method-2 Using XOR Operator
	int $a=3$, $b=5$; $a=a^b$; $b=a^b$;
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	$a = a \wedge b$;
	cout << a < <endl; th="" →5<=""></endl;>
	cout << b; -> 3
_	Dry run
	and the second of the second o
	a = 3 → 000 011
	b=5 - 000 101
	000 011 ^ 000 101 = 000 110 =6
	TENERS DE LA STATION DE LA SERVE DE LA STATION DE LA STATI
	a = 6 - 000 110
	b = a ^ b - 000 110 ^ 000 101
	= 000 011=3
	b = 3 - 000 011
	a = 6 7 000 + 110, m
	ABBOTAUNO O MANAGANA SETA A GALANA ANTA A ESTA A GALANA ANTA A ESTA A GALANA A SETA A GALANA A SETA A GALANA A
	000 011 ~ 000 110
	000101=5
	a=5, b=3 3 Hence swapped
\parallel	
1	Method-3 Using Arithemetic operators
It'	o sing in the control of the control

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int a=3, b=5)

a = a + b

b=a-b;

a = a - bi

cout << a << endl;

cout << b << endl;