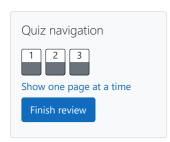
## GE23131-Programming Using C-2024



Status Finished Started Monday, 23 December 2024, 5:33 PM Completed Wednesday, 20 November 2024, 5:47 PM **Duration** 32 days 23 hours Question 1 Write a program that prints a simple chessboard. Correct Marked out of Input format: □ Flag question The first line contains the number of inputs T. The lines after that contain a different values for size of the chessboard Output format: Print a chessboard of dimensions size \* size. Print a Print W for white spaces and B for black s Input: 3 Output: WBW

> BWBWB WBWBW

BWB WBW WBWBW

**WBWBW** 

Answer: (penalty regime: 0 %)

	Input	Expected	Got	
	2 3	WBW BWB	WBW BWB	

WBWBW	WBWBW	
BWBWB	BWBWB	
WBWBW	WBWBW	
BWBWB	BWBWB	
WBWBW	WBWBW	

Passed all tests!

Question **2**Correct
Marked out of 5.00

Flag question

Let's print a chessboard!

Write a program that takes input:

The first line contains T, the number of test cases

Each test case contains an integer N and also the starting character of the chessboard

Output Format

Print the chessboard as per the given examples

Sample Input / Output

Input:

2

2 W

3 B

Output:

WB

BW

BWB

WBW

BWB

**Answer:** (penalty regime: 0 %)

Input	Expected	Got
2	WB	WB
2 W	BW	BW
3 B	BWB	BWB
	WBW	WBW
	BWB	BWB

Question  $\bf 3$ Correct Marked out of 7.00  $\ \, \bigcap \mathbb{V} \, \operatorname{Flag}$ 3 3 4 5

Decode the logic and print the Pattern that corresponds to given input. If N= 3 then pattern will be: 10203010011012 \*\*4050809 \*\*\*\*607 If N= 4, then pattern will be: 1020304017018019020 \*\*50607014015016 \*\*\*\*809012013 \*\*\*\*\*10011 Constraints 2 <= N <= 100 Input Format First line contains T, the number of test cases Each test case contains a single integer N Output First line print Case #i where i is the test case number In the subsequent line, print the pattern Test Case 1 Output Case #1 10203010011012 \*\*4050809 \*\*\*\*607 Case #2 1020304017018019020 \*\*50607014015016 \*\*\*\*809012013 \*\*\*\*\*10011 Case #3 102030405026027028029030 \*\*6070809022023024025 \*\*\*\*10011012019020021

**Answer:** (penalty regime: 0 %)

Input	Expected	Got
3	Case #1	Case #1
3	10203010011012	10203010011012
4	**4050809	**4050809
5	****607	****607
	Case #2	Case #2
	1020304017018019020	1020304017018019020
	**50607014015016	**50607014015016
	****809012013	****809012013
	*****10011	*****10011
	Case #3	Case #3
	102030405026027028029030	102030405026027028029030
	**6070809022023024025	**6070809022023024025
	****10011012019020021	****10011012019020021
	*****13014017018	*****13014017018
	*******15016	*******15016

Passed all tests!

Save the state of the flags