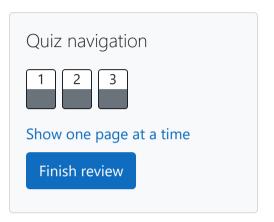
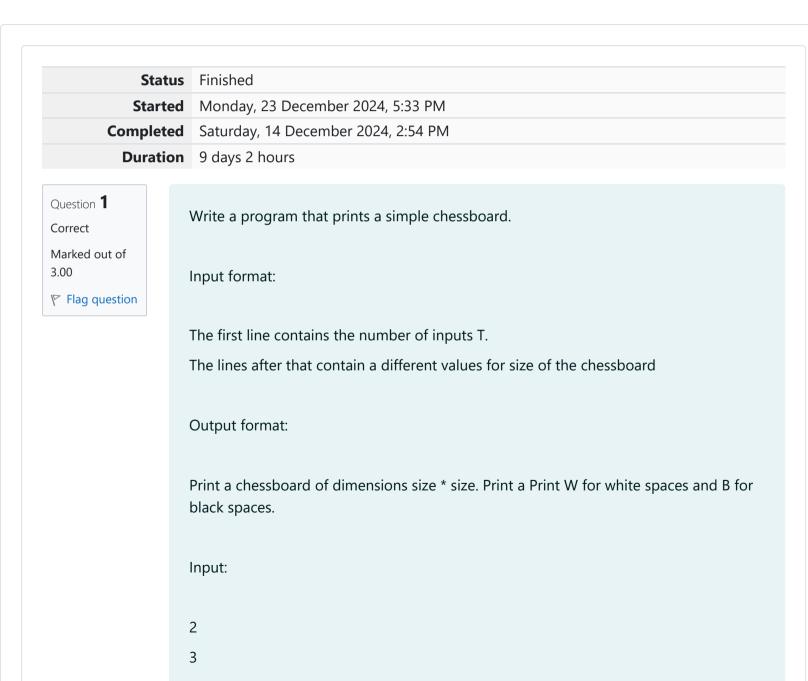
## GE23131-Programming Using C-2024





WBW **BWB WBW WBWBW BWBWB WBWBW BWBWB WBWBW Answer:** (penalty regime: 0 %) 1 #include <stdio.h> 2 v int main(){ int T,d,i=0,i1,i2,o; 3 char c; 5 scanf("%d",&T); 6 v while(i<T){ 7 scanf("%d",&d); 8 i1=0; 9 while(i1<d){</pre> 10 o=1; 11 | i2=0; 12 v if(i1%2==0){ 13 o=**0**; 14 15 v while(i2<d){ 16 c='B'; 17 v if(i2%2==o){ c='W'; 18 19 printf("%c",c); 20

Output:

```
24 | printf("\n");

25 | }

26 | i=i+1;

27 | }

28 |}
```

	Input	Expected	Got	
~	2	WBW	WBW	~
	3	BWB	BWB	
	5	WBW	WBW	
		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** 

```
Sample Input / Output
Input:
2
2 W
3 B
Output:
WB
BW
BWB
WBW
BWB
Answer: (penalty regime: 0 %)
    1 #include <stdio.h>
    2 v int main(){
    3
           int T,d,i,i1,i2,o,z;
           char c,s;
    4
           scanf("%d",&T);
    5
           for(i=0;i<T;i++){</pre>
    6 ▼
               scanf("%d %c",&d,&s);
    7
               for(i1=0;i1<d;i1++){</pre>
    8 🔻
                   z=(s=='W')?0:1;
                    o=(i1%2==z)?0:1;
   10
```

```
14 | }
15 | printf("\n");
16 | }
17 | }
18 | return 0;
19 |}
```

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

Passed all tests! ✓

Question  $\bf 3$ 

Incorrect

Marked out of 7.00

Flag question

Decode the logic and print the Pattern that corresponds to given input.

If N= 3

then pattern will be:

10203010011012

\*\*4050809

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 3

```
5
Output
Case #1
10203010011012
**4050809
****607
Case #2
1020304017018019020
**50607014015016
****809012013
*****10011
Case #3
102030405026027028029030
**6070809022023024025
****10011012019020021
*****13014017018
******15016
Answer: (penalty regime: 0 %)
   1 #include <stdio.h>
   2 v int main(){
           int n,v,p3,c,in,i1,i2,t,ti,i;
           scanf("%d",&t);
           for(ti=0;ti<t;t++){</pre>
```

```
tor(i=0;i<n;i++){
10
                 c=0;
11 🔻
                 if(i>0){
                     for(i1=0;i1<i;i1++) printf("**");</pre>
12
13
14 ▼
                 for(i1=i;i1<n;i1++){</pre>
15
                     if(i>0) c++;
16
                     printf("%d0",++v);
17
18 🔻
                 if(i==0){
19
                     p3=v+(v*(v-1))+1;
20
                     in=p3;
21
22
                 in=in-c;
23
                 p3=in;
                 for(i2=i;i2<n;i2++){</pre>
24 ▼
25
                     printf("%d",p3++);
                     if(i2!=n-1) printf("0");
26
                 }printf("\n");
27
28
29
30
```

	Input	Expected	Got	
×	3	Case #1	Case #1	×
	3	10203010011012	10203010011012	
	4	**4050809	**4050809	
	5	****607	****607	
		Case #2	Case #1	
		1020304017018019020	1020304017018019020	
		**50607014015016	**50607014015016	
		****809012013	****809012013	
		*****10011	*****10011	
		Case #3	Case #1	
		102030405026027028029030	102030405026027028029030	

*******15016  Case #1 102030405026027028029030 **6070809022023024025 *****10011012019020021 *******13014017018 *******15016 Case #1 102030405026027028029030 **6070809022023024025 *****10011012019020021 ******13014017018 ********15016 Case #1 102030405026027028029030 **6070809022023024025 ****10011012019020021 ******13014017018 ********15016 Case #1 102030405026027028029030 **66070809022023024025 ****10011012019020021 ******10011012019020021 ******10011012019020021 ******10011012019020021 *******10011012019020021 *******10011012019020021 *******10011012019020021 ********10011012019020021 *******10011012019020021 *******10011012019020021 *******10011012019020021 *******10011012019020021 *******13014017018 ************************************	1301.01,010	13011017010	_	
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Testing was aborted due to error.

Your code must pass all tests to earn any marks. Try again.

Show differences