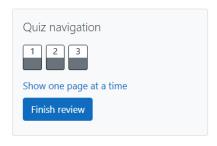
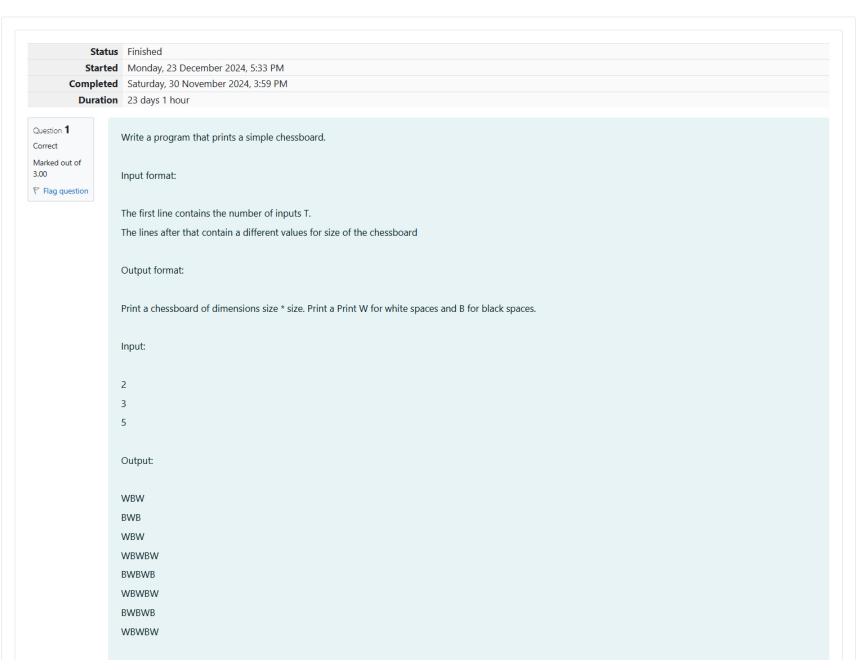
## GE23131-Programming Using C-2024





Answer: (penalty regime: 0 %) 1 #include<stdio.h> 2 int main() 3 √ { 4 int n, size, i, j, count; 5 scanf("%d",&n); 6 while(n--) 7 ▼ { 8 | scanf("%d",&size); 9 count =0; 10 for(i=0;i<size;i++)</pre> 11 - { 12 for(j=0;j<size;j++) 13 + { 14 if(++count%2==1) 15 printf("W"); 16 else 17 printf("B"); 18 19 if(size%2==0) 20 count++; 21 printf("\n");



Passed all tests! ✓

22 } 23 } 24 }

Question 2
Correct
Marked out of 5.00
F 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

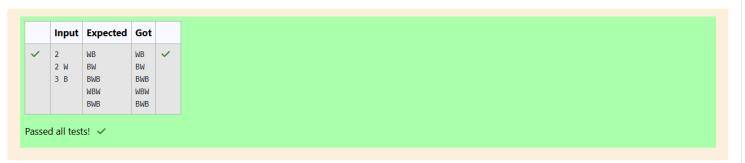
Output:

WB
BW
BWB
WBWB

## Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
 2 int main()
 3 √ {
        int i,j,t,n;
 4
        char start,other;
scanf("%d",&t);
 5
 6
 7
        while(t--)
 8 *
            scanf("%d %c",&n,&start);
if(start=='W'||start=='W')
 9
10
11 •
12
                 other='B';
13
14
             else
15 ,
16
                 other='W';
17
18
             for(i=0;i<n;i++)</pre>
19 •
20
                 for(j=0;j<n;j++)</pre>
21 1
22
                     if((i+j)%2==0)
23
24
                         printf("%c",start);
25
26
                     else
27
28
                         printf("%C",other);
29
30
31
32
```

```
35 | printf("\n");
34 | }
35 | 36 | return 0;
37 |}
```



Question **3**Correct
Marked out of 7.00

Friag question

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
3
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 int main()
   3 ₹ {
   4
         int t;
   5
         scanf("%d",&t);
   6
           for(int x=1;x<=t;x++)</pre>
   7 🔻
              printf("Case #%d\n",x);
   8
```

```
scanf("%d",&n);
10
           int f=1,b=n*(n+1);
11
12
            for(int i=0;i<n;i++)</pre>
13 🔻
                for(int k=0;k<2*i;k++)</pre>
14
15 ,
               printf("*");
16
17
               printf("%d",f);
18
19
               f++;
               for(int j=2;j<=n-i;j++)</pre>
20
21 •
                  printf("0%d",f);
22
23
                  f++;
24
25
               for(int l=b-(n-i)+1;l<=b;l++)</pre>
26 1
27
                  printf("0%d",1);
28
29
               b-=n-i;
               printf("\n");
30
31
32
33
        return 0;
34
35
36
```

	Input	Expected	Got	
~	3	Case #1	Case #1	~
	3	10203010011012	10203010011012	
	4	**4050809	**4050809	
	5	G07	G07	
		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! ✓

Finish review