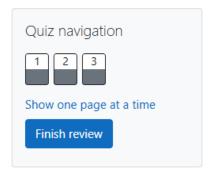
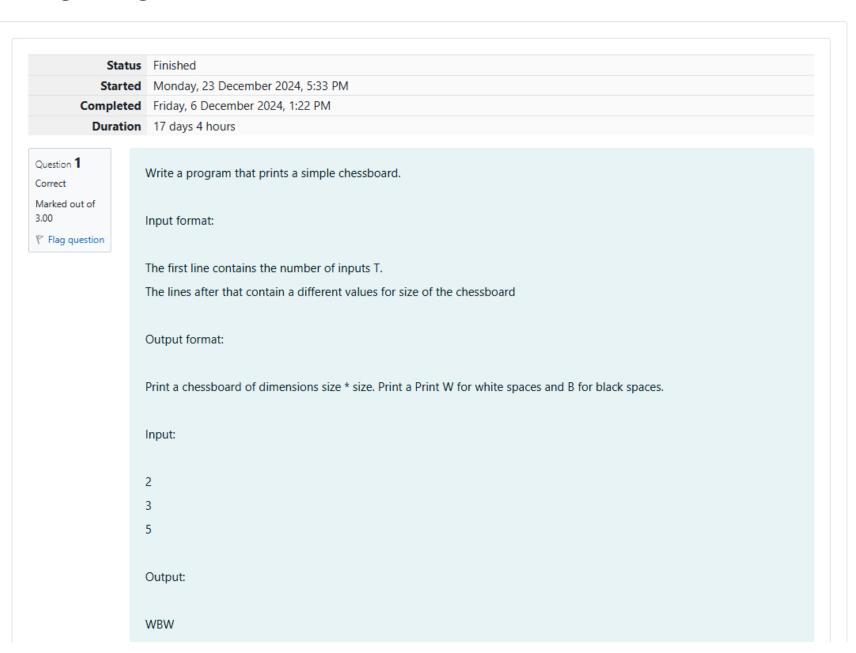
## GE23131-Programming Using C-2024





BWB
WBW
WBWBWB
WBWBWB
BWBWB
WBWBWB

## Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 √ {
        int a,n;
 4
        scanf("%d",&a);
 5
        for(int k=1;k<=a;k++)</pre>
 6
7 •
 8
            scanf("%d",&n);
 9
            for(int i=1;i<=n;i++)</pre>
10
11 ,
12
                for(int j=1;j<=n;j++)</pre>
13 *
14
                    if((i-j)%2==0)
15 ,
                        printf("W");
16
17
18
                     else
19
                        printf("B");
20
21
22
                printf("\n");
23
24
25
26
27
```

	Input	Expected	Got	
~	2	WBW	WBW	~
	3	BWB	BWB	

5	WBW	WBW
	WBWBW	WBWBW
	BWBWB	BWBWB
	WBWBW	WBWBW
	BWBWB	BWBWB
	WBWBW	WBWBW

Question 2 Correct Marked out of 5.00 Flag question Input: 2 2 W

Passed all tests! 🗸 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 3 B Output: WB BW

BWB WBW BWB

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 √ {
        int t,d,i,i1,i2,o,z;
4
5
        char c,s;
6
        scanf("%d",&t);
7
        for(i=0;i<t;i++)</pre>
8 ,
9
            scanf("%d %c",&d,&s);
            for(i1=0;i1<d;i1++)
10
11 ,
                z=(s=='W')?0:1;
12
13
                o=(i1%2==z)?0:1;
14
                for(i2=0;i2<d;i2++)
15 1
                   c=(i2%2==o)?'W':'B';
16
17
                   printf("%c",c);
18
                printf("\n");
19
20
21
22 }
```

	Input	Expected	Got	
<b>~</b>	2	WB	WB	<b>~</b>
	2 W	BW	BW	
	3 B	BWB	BWB	
		WBW	WBW	
		BWB	BWB	

Passed all tests! <

Marked out of If N= 3 Flag question 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

Incorrect

7.00

```
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 √ {
          int n,v,p3,c,in,i,i1,i2,t,ti;
   4
          scanf("%d",&t);
          for(ti=0;ti<t;ti++);</pre>
   6
   7 🔻
              v=0;
```

```
9
            scant("%d",&n);
10
11
            printf("Case #%d\n",ti+1);
12
                      for(i=0;i<n;i++)</pre>
13
14
                         c=0;
15
                         if(i>0)
16
                             for(i1=0;i1<n;i1++)</pre>
17
18
                             printf("**");
19
                        for(i1=i;i1<n;i1++){
20
21
                             if(i>0)
22
                             C++;
23
                             printf("%d0",++v);
24
25
                        if(i==0)
26
27
                             p3=v+(v*(v-1))+1;
28
                             in=p3;
29
30
                        in=in-c;
31
                         p3=in;
                        for(i2=i;i2<n;i2++){
32
33
                             printf("%d",p3++);
34
                             if(i2!=n-1)
35
36
                                 printf("0");
37
38
                         printf("\n");
39
40
41
42
43
44
45
46
```